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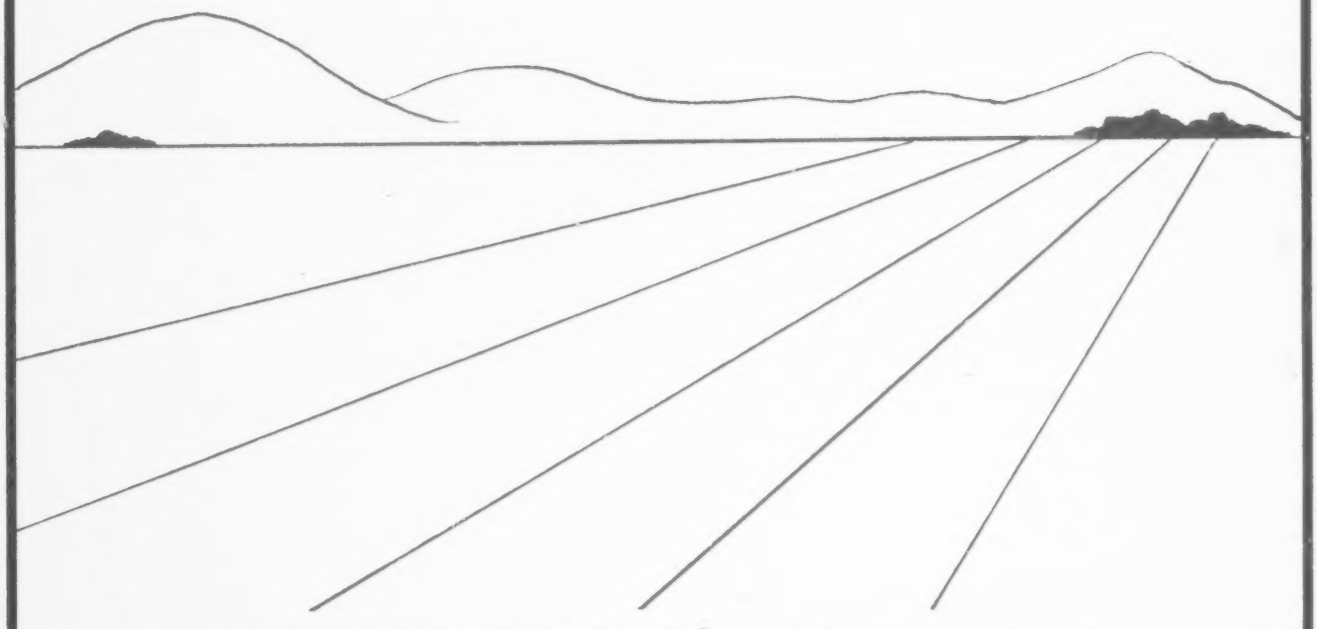
CALIFORNIA VEGETABLE CROPS

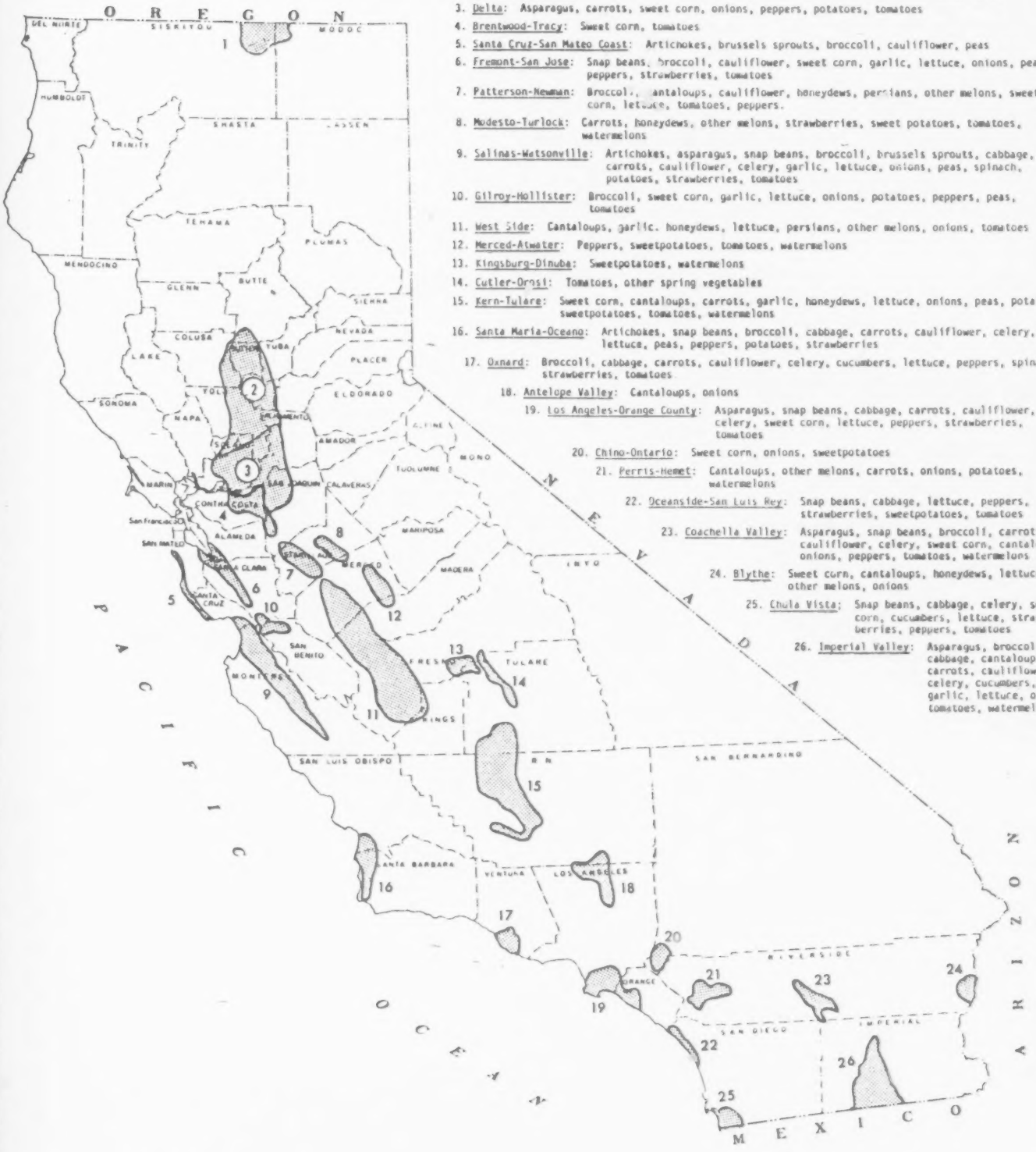
ACREAGE, PRODUCTION & VALUE -- 1981-90

COUNTY ACREAGE - 1989-90



CALIFORNIA AGRICULTURAL STATISTICS SERVICE

CALIFORNIA'S MAJOR FRESH MARKET VEGETABLE, MELON AND POTATO PRODUCING DISTRICTS



1. Tulelake-Butte Valley: Onions, potatoes
2. Sacramento Valley: Sweet corn, honeydews, persians, other melons, tomatoes, watermelons
3. Delta: Asparagus, carrots, sweet corn, onions, peppers, potatoes, tomatoes
4. Brentwood-Tracy: Sweet corn, tomatoes
5. Santa Cruz-San Mateo Coast: Artichokes, brussels sprouts, broccoli, cauliflower, peas
6. Fremont-San Jose: Snap beans, broccoli, cauliflower, sweet corn, garlic, lettuce, onions, peas, peppers, strawberries, tomatoes
7. Patterson-Newman: Broccoli, cantaloups, cauliflower, honeydews, persians, other melons, sweet corn, lettuce, tomatoes, peppers.
8. Modesto-Turlock: Carrots, honeydews, other melons, strawberries, sweet potatoes, tomatoes, watermelons
9. Salinas-Watsonville: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, carrots, cauliflower, celery, garlic, lettuce, onions, peas, spinach, potatoes, strawberries, tomatoes
10. Gilroy-Hollister: Broccoli, sweet corn, garlic, lettuce, onions, potatoes, peppers, peas, tomatoes
11. West Side: Cantaloups, garlic, honeydews, lettuce, persians, other melons, onions, tomatoes
12. Merced-Atwater: Peppers, sweetpotatoes, tomatoes, watermelons
13. Kingsburg-Dinuba: Sweetpotatoes, watermelons
14. Cutler-Orosi: Tomatoes, other spring vegetables
15. Kern-Tulare: Sweet corn, cantaloups, carrots, garlic, honeydews, lettuce, onions, peas, potatoes, sweetpotatoes, tomatoes, watermelons
16. Santa Maria-Oceano: Artichokes, snap beans, broccoli, cabbage, carrots, cauliflower, celery, lettuce, peas, peppers, potatoes, strawberries
17. Oxnard: Broccoli, cabbage, carrots, cauliflower, celery, cucumbers, lettuce, peppers, spinach, strawberries, tomatoes
18. Antelope Valley: Cantaloups, onions
19. Los Angeles-Orange County: Asparagus, snap beans, cabbage, carrots, cauliflower, celery, sweet corn, lettuce, peppers, strawberries, tomatoes
20. Chino-Ontario: Sweet corn, onions, sweetpotatoes
21. Perris-Hemet: Cantaloups, other melons, carrots, onions, potatoes, watermelons
22. Oceanside-San Luis Rey: Snap beans, cabbage, lettuce, peppers, strawberries, sweetpotatoes, tomatoes
23. Coachella Valley: Asparagus, snap beans, broccoli, carrots, cauliflower, celery, sweet corn, cantaloups, onions, peppers, tomatoes, watermelons
24. Blythe: Sweet corn, cantaloups, honeydews, lettuce, other melons, onions
25. Chula Vista: Snap beans, cabbage, celery, sweet corn, cucumbers, lettuce, strawberries, peppers, tomatoes
26. Imperial Valley: Asparagus, broccoli, cabbage, cantaloups, carrots, cauliflower, celery, cucumbers, garlic, lettuce, onions, tomatoes, watermelons

CALIFORNIA VEGETABLE CROPS

This bulletin, prepared annually, contains the most recent estimates of acreage, production and value for principal commercial vegetables, melons and strawberries grown in California for the period 1981-90. Harvested acreage by county is included for 1989-90. Also included are tables showing 1989-90 monthly prices and sales for a number of the fresh market vegetable crops.

The vegetable and melon estimates encompass commercial production, excluding home and farm gardens. Vegetables grown for seed are also excluded. Potato, sweetpotato, strawberry and bushberry estimates although shown, are excluded from total vegetables. Potato and sweetpotato estimates are also published in the annual Field Crops Bulletin. Strawberry and bushberry estimates are also published in the annual Fruit and Nut Statistics Bulletin.

Prices for processing crops and processed segments of dual utilization crops are based upon equivalent returns at the processing plant door. For fresh market sales, the price is on a packed and loaded basis, F.O.B. shipping point.

Vegetable acreages that are not included in the official 1990 USDA/CDFA estimating program are in this report. These crops, although not a complete listing, are reported by the County Agricultural Commissioners. Sufficient requests for this acreage data prompted us to include these "miscellaneous" vegetables.

Data presented in this publication are made possible with the cooperation of growers, processors, shippers, County Agricultural Commissioners' Offices and other representatives of the California vegetable industry. Their cooperation is appreciated.

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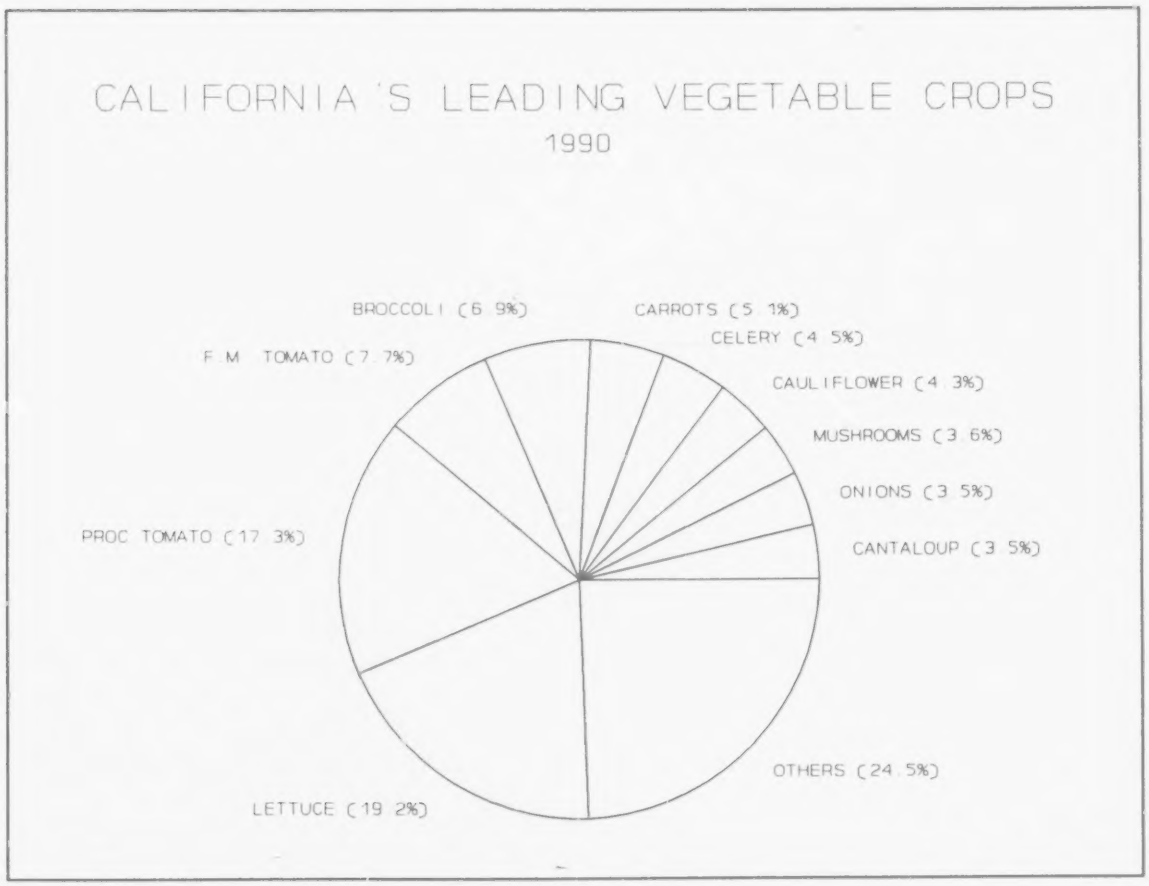
1990 SUMMARY

California produced 18.9 million tons of vegetables in 1990 compared to the 18.2 million tons produced in 1989. Although production increased 4 percent, the value of production, at $3.57 billion, remained virtually unchanged from the previous year. This was a result of price declines in several major crops. These include; processing tomatoes, carrots, cauliflower, celery, cantaloupe and onions. The crops with increased season average prices include; asparagus, broccoli, sweet corn, lettuce, honeydews, strawberries and fresh market tomatoes.

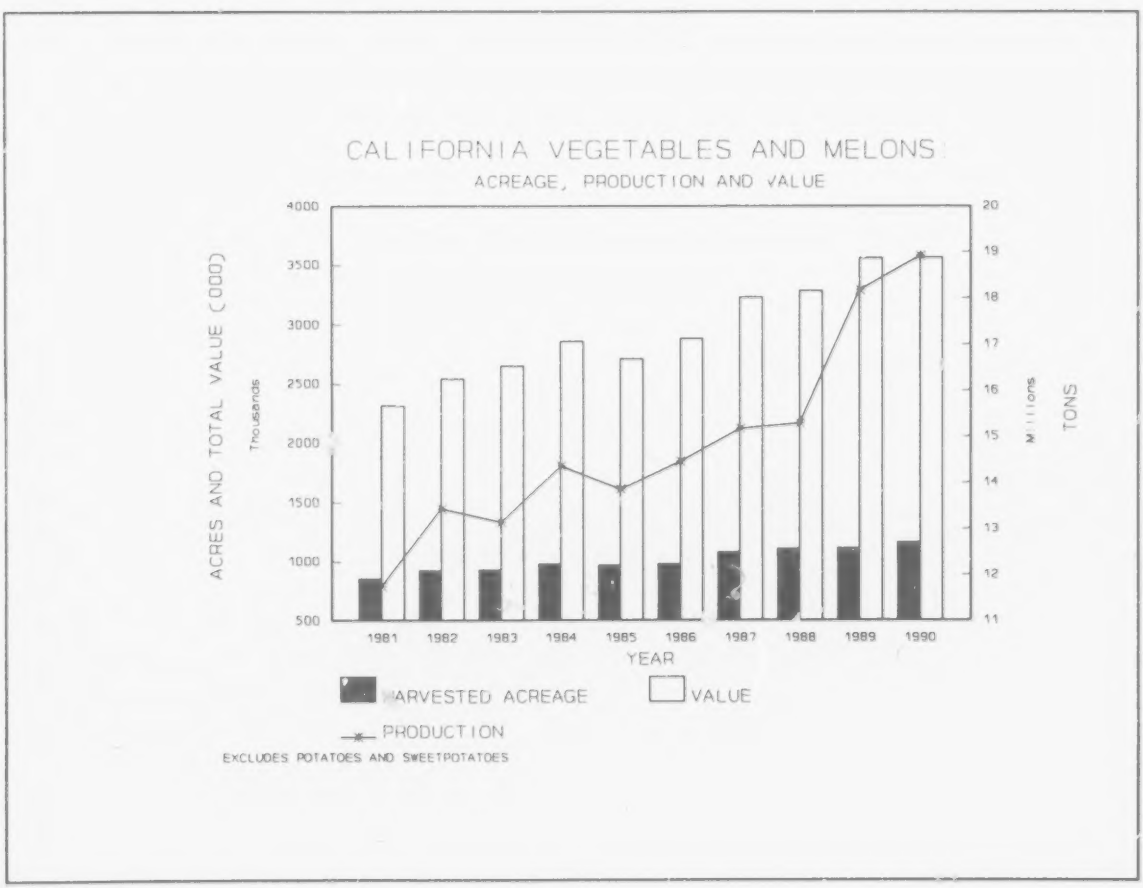
In 1990, California produced 54 percent of the Nation's principal fresh market crops and 61 percent of the major processing crops. California's processing crops (excluding dual usage crops; asparagus, broccoli, carrots and cauliflower) increased 9 percent above 1989 and 42 percent above the tonnage produced in 1988.



CALIFORNIA VEGETABLES AND MELONS: Acreage, Production and Value, 1981-90 a/

Crop Year	Harvested Acreage	Production	Value Per Acre	Total Value
	Acres	Tons	Dollars	$1,000
1981 b/	857,020	11,746,200	2,703	2,316,784
1982	926,437	13,427,800	2,745	2,542,789
1983	929,056	13,140,500	2,853	2,650,284
1984	979,201	14,354,100	2,919	2,858,156
1985	970,298	13,855,750	2,794	2,710,806
1986	979,218	14,456,300	2,943	2,882,271
1987	1,077,385	15,165,100	2,997	3,228,903
1988	1,106,599	15,275,800	2,965	3,281,036
1989	1,114,261	18,160,050	3,190	3,554,586
1990	1,168,595	18,949,800	3,055	3,569,574

a/ Excludes potatoes and sweetpotatoes.
b/ Excludes bushberries and strawberries after 1980, included in fruit crop totals.



CALIFORNIA VEGETABLE CROPS SUMMARY: Processing Crops, 1981-90

Crop	Year	Harvested Acreage	Average Yield Ton	Production Price Per Ton a/			Total Value (000)
				Tons	First Del. Point	Proc. Plant Door	
Tomatoes for Processing	1981	204,300	24.00	4,903,200	50.80	64.70	317,237
	1982	232,000	26.50	6,148,000	55.60	68.50	421,138
	1983	233,500	25.58	5,972,930	53.70	65.70	392,422
	1984	239,700	27.50	6,591,750	52.00	64.80	427,145
	1985	217,000	28.12	6,102,040	51.40	64.10	391,141
	1986	210,400	30.80	6,480,320	51.00	62.20	403,076
	1987	214,000	31.32	6,702,480	46.40	57.20	383,382
	1988	226,100	28.96	6,547,860	48.20	58.90	385,669
	1989	276,500	31.05	8,585,330	55.50	68.30	586,378
	1990	310,000	30.02	9,306,200	55.20	66.30	617,001
Cucumbers For Pickles	1981	b/	---	---	---	---	---
	1982	b/	---	---	---	---	---
	1983	b/	---	---	---	---	---
	1984	3,300	17.10	56,430	---	232.00	13,092
	1985	4,100	17.92	73,470	---	189.00	13,886
	1986	4,000	16.17	64,680	---	200.00	12,936
	1987	4,100	15.00	61,500	---	198.00	12,177
	1988	3,800	18.16	69,010	---	213.00	14,699
	1989	4,300	12.20	52,460	---	247.00	12,958
	1990	4,700	13.30	62,510	---	214.00	13,377
Chili Peppers (Dried)	1981	7,020	2.18	15,290	---	1,099.00	16,804
	1982	4,640	1.93	8,960	---	1,113.00	9,972
	1983	4,260	1.82	7,750	---	1,130.00	8,758
	1984	3,920	2.57	10,080	---	1,136.00	11,451
	1985	3,670	2.73	10,030	---	1,094.00	10,973
	1986	3,100	2.82	8,740	---	1,070.00	9,352
	1987	2,990	2.77	8,290	---	1,147.00	9,510
	1988	3,460	2.84	9,840	---	977.00	9,618
	1989	3,600	2.36	8,500	---	1,088.00	9,248
	1990	4,050	3.36	13,600	---	1,059.00	14,402

a/ The processed price is based on equivalent returns at the processing plant door. The fresh market price is on a packed and loaded basis, f.o.b. shipping point.

b/ Estimates began in 1984.

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1981-90

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
ASPARAGUS	1981	---	---	644	69.60	44,822
Fresh Market	1982	---	---	591	67.40	39,833
	1983	---	---	557	83.70	46,621
	1984	---	---	739	74.40	54,982
	1985	---	---	818	83.30	68,139
	1986	---	---	990	72.10	71,379
	1987	---	---	1,055	66.10	69,736
	1988	---	---	b/	b/	b/
	1989	---	---	b/	b/	b/
	1990	---	---	b/	b/	b/
Processing	1981	---	---	175	40.80	7,140
	1982	---	---	208	43.60	9,062
	1983	---	---	79	41.20	3,255
	1984	---	---	116	41.50	4,814
	1985	---	---	168	38.90	6,527
	1986	---	---	106	39.00	4,134
	1987	---	---	136	37.00	5,010
	1988	---	---	b/	b/	b/
	1989	---	---	b/	b/	b/
	1990	---	---	b/	b/	b/
Total	1981	27,300	30	819	63.40	51,962
	1982	29,600	27	799	61.20	48,895
	1983	31,800	20	636	78.40	49,876
	1984	34,200	25	855	69.90	59,796
	1985	35,200	28	986	75.70	74,666
	1986	37,800	29	1,096	68.90	75,513
	1987	39,700	30	1,191	62.80	74,746
	1988	40,100	29	1,163	71.70	83,431
	1989	37,500	29	1,088	66.20	71,978
	1990	35,900	29	1,041	68.00	70,833
BROCCOLI	1981	---	---	3,996	25.70	102,620
Fresh Market	1982	---	---	4,748	24.90	118,225
	1983	---	---	5,026	26.80	134,697
	1984	---	---	6,146	23.90	146,889
	1985	---	---	6,415	24.00	153,960
	1986	---	---	7,667	21.40	164,074
	1987	---	---	7,830	21.40	167,562
	1988	---	---	9,166	23.90	219,067
	1989	---	---	9,792	20.40	199,757
	1990	---	---	9,113	22.30	203,220
Processing	1981	---	---	2,892	18.90	54,659
	1982	---	---	3,192	19.70	62,882
	1983	---	---	2,526	19.50	49,257
	1984	---	---	3,294	19.70	64,892
	1985	---	---	3,160	19.40	61,304
	1986	---	---	2,760	18.10	49,956
	1987	---	---	2,500	18.00	45,000
	1988	---	---	2,460	19.10	46,863
	1989	---	---	2,400	18.40	44,160
	1990	---	---	2,100	19.80	41,475
Total	1981	71,400	96	6,888	22.80	157,279
	1982	81,800	97	7,940	22.80	181,107
	1983	82,000	92	7,552	24.40	183,954
	1984	95,700	99	9,440	22.40	211,781
	1985	97,700	98	9,575	22.50	215,264
	1986	106,400	98	10,427	20.50	214,030
	1987	107,600	96	10,330	20.60	212,562
	1988	101,100	115	11,626	22.90	265,930
	1989	101,600	120	12,192	20.00	243,917
	1990	97,500	115	11,213	21.80	244,695

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1981-90

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
CARROTS	1981	---	---	8,235	12.00	98,511
Fresh Market	1982	---	---	9,787	11.30	110,757
	1983	---	---	9,082	12.70	115,425
	1984	---	---	9,901	14.00	138,458
	1985	---	---	9,451	11.60	109,565
	1986	---	---	10,960	13.00	142,480
	1987	---	---	14,600	10.60	154,760
	1988	---	---	12,400	13.00	161,200
	1989	---	---	14,102	13.70	193,197
	1990	---	---	15,291	11.20	171,259
Processing	1981	---	---	1,500	2.93	4,395
	1982	---	---	1,659	3.23	5,359
	1983	---	---	2,408	3.47	8,357
	1984	---	---	2,110	3.75	7,902
	1985	---	---	1,508	4.09	6,170
	1986	---	---	1,798	4.05	7,282
	1987	---	---	1,400	4.33	6,055
	1988	---	---	2,164	4.18	9,035
	1989	---	---	2,515	3.24	8,136
	1990	---	---	2,100	4.25	8,925
Total	1981	33,900	287	9,735	10.50	102,906
	1982	35,900	319	11,446	10.10	116,116
	1983	39,400	292	11,490	10.80	123,782
	1984	41,300	291	12,011	12.20	146,360
	1985	39,900	275	10,959	10.60	115,735
	1986	40,500	315	12,758	11.70	149,762
	1987	50,000	320	16,000	10.10	160,815
	1988	51,100	285	14,564	11.70	170,235
	1989	57,300	290	16,617	12.10	201,333
	1990	56,100	310	17,391	10.40	180,184
CAULIFLOWER	1981	---	---	2,548	30.70	78,106
Fresh Market	1982	---	---	2,455	32.30	79,297
	1983	---	---	2,747	32.20	88,453
	1984	---	---	3,670	31.20	114,504
	1985	---	---	3,688	29.90	110,271
	1986	---	---	4,670	28.50	133,095
	1987	---	---	4,661	28.40	132,372
	1988	---	---	5,340	27.60	147,384
	1989	---	---	5,378	27.80	149,508
	1990	---	---	5,506	24.80	136,549
Processing	1981	---	---	1,392	12.70	17,678
	1982	---	---	1,420	13.80	19,525
	1983	---	---	1,218	13.50	16,443
	1984	---	---	1,181	14.60	17,243
	1985	---	---	1,100	14.70	16,170
	1986	---	---	1,160	14.80	17,110
	1987	---	---	960	15.40	14,784
	1988	---	---	900	15.70	14,130
	1989	---	---	660	17.50	11,550
	1990	---	---	650	25.20	16,380
Total	1981	36,300	109	3,940	24.30	95,784
	1982	40,000	97	3,875	25.50	98,822
	1983	41,900	95	3,965	26.50	104,896
	1984	46,200	105	4,851	27.20	131,747
	1985	45,600	105	4,788	26.40	126,441
	1986	53,000	110	5,830	25.80	150,205
	1987	51,100	110	5,621	26.20	147,156
	1988	48,000	130	6,240	25.90	161,514
	1989	52,500	115	6,038	26.70	161,058
	1990	51,300	120	6,156	24.80	152,929

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1981-90

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
CELERY	1981	12,200	587	7,160	8.71	62,399
South Coast	1982	11,200	660	7,375	11.40	83,933
	1983	11,400	598	6,817	12.50	84,883
	1984	10,700	643	6,882	14.10	97,364
	1985	11,500	610	7,015	9.46	66,347
	1986	11,700	570	6,669	11.50	77,009
	1987	11,400	560	6,384	12.10	77,498
	1988	11,500	615	7,073	11.00	77,646
	1989	11,300	545	6,159	14.60	89,912
	1990	12,500	565	7,063	11.30	80,134
Central Coast	1981	10,300	567	5,844	10.32	60,415
	1982	11,100	590	6,542	7.74	50,650
	1983	9,000	640	5,763	13.40	77,441
	1984	9,900	610	6,030	8.73	52,620
	1985	9,700	640	6,208	11.00	68,328
	1986	9,700	620	6,014	11.80	70,755
	1987	9,900	635	6,287	9.36	58,850
	1988	8,800	705	6,204	11.30	70,094
	1989	10,500	805	8,453	11.20	94,930
	1990	12,300	630	7,749	10.30	79,865
Total	1981	22,500	578	13,004	9.44	122,814
	1982	22,300	624	13,917	9.70	134,583
	1983	20,400	617	12,580	12.90	162,324
	1984	20,600	627	12,912	11.60	149,984
	1985	21,200	624	13,223	10.20	134,675
	1986	21,400	593	12,683	11.70	147,764
	1987	21,300	595	12,671	10.80	136,348
	1988	20,300	654	13,277	11.10	147,740
	1989	21,800	670	14,612	12.70	184,842
	1990	24,800	597	14,812	10.80	159,999
CORN, SWEET	1981	13,900	108	1,501	13.20	19,784
	1982	13,800	102	1,406	12.10	17,013
	1983	14,600	108	1,576	12.40	19,542
	1984	14,200	107	1,521	14.70	22,359
	1985	14,700	105	1,544	14.30	22,079
	1986	15,000	100	1,500	16.10	24,150
	1987	16,000	95	1,520	13.30	20,216
	1988	18,000	90	1,620	15.10	24,462
	1989	17,500	115	2,013	16.10	32,409
	1990	20,000	95	1,900	16.70	31,730
LETTUCE	1981	156,300	294	46,027	10.10	465,205
	1982	144,900	306	44,342	10.90	483,328
	1983	142,200	293	41,689	12.30	512,775
	1984	150,900	313	47,273	10.70	505,821
	1985	145,500	295	42,923	10.70	459,276
	1986	145,500	290	42,195	11.50	485,243
	1987	157,100	315	49,487	15.10	747,254
	1988	166,700	310	51,677	12.20	630,459
	1989	168,400	340	57,256	11.70	669,895
	1990	162,200	345	55,959	12.20	682,700
MELONS	1981	55,600	175	9,730	13.30	129,409
Cantaloupe	1982	61,500	160	9,840	11.60	114,144
	1983	62,200	150	9,330	13.30	124,089
	1984	64,000	148	9,483	13.80	130,865
	1985	75,100	155	11,641	11.30	131,543
	1986	79,100	160	12,656	12.40	156,934
	1987	85,100	150	12,765	11.50	146,798
	1988	84,000	140	11,760	15.45	181,692
	1989	80,800	190	15,352	12.60	193,435
	1990	90,200	150	13,530	9.20	124,476

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1981-90

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
MELONS (Continued)	1981	1,100	140	154	10.40	1,602
Casaba &	1982	1,400	180	252	11.80	2,974
Santa Claus	1983	1,400	180	252	12.20	3,074
	1984	1,800	220	396	15.00	5,940
	1985	1,700	170	289	11.50	3,324
	1986	2,300	190	437	15.00	6,555
	1987	2,500	180	450	10.80	4,860
	1988	2,500	200	500	17.00	8,500
	1989	2,500	185	463	15.50	7,177
	1990	c/	c/	c/	c/	c/
Crenshaw	1981	900	135	122	19.70	2,403
	1982	950	155	147	16.00	2,352
	1983	1,200	145	174	18.80	3,271
	1984	1,400	150	210	20.20	4,242
	1985	1,400	160	224	18.60	4,166
	1986	1,500	160	240	19.70	4,728
	1987	1,200	155	186	18.70	3,478
	1988	1,000	175	175	16.00	3,135
	1989	1,000	180	180	14.10	2,700
	1990	c/	c/	c/	c/	c/
Honeydew	1981	13,300	180	2,394	13.40	32,080
	1982	16,500	155	2,558	11.50	29,417
	1983	15,500	185	2,868	11.00	31,548
	1984	16,300	170	2,771	12.80	35,469
	1985	18,500	185	3,423	10.20	34,915
	1986	19,000	200	3,800	11.00	41,800
	1987	20,600	180	3,708	11.90	44,125
	1988	21,300	170	3,621	13.10	47,435
	1989	21,300	190	4,047	11.80	47,755
	1990	19,000	180	3,420	15.80	54,036
Persian	1981	450	120	54	18.90	1,021
	1982	500	120	60	14.20	852
	1983	450	140	63	16.60	1,046
	1984	400	140	56	19.30	1,081
	1985	550	200	110	17.00	1,870
	1986	600	140	84	19.30	1,621
	1987	400	130	52	15.30	796
	1988	500	170	85	16.00	1,360
	1989	500	165	83	14.10	1,170
	1990	c/	c/	c/	c/	c/
Other Melons	1990	3,500	173	604	14.00	8,451
MUSHROOMS (Agaricus)	1981	550	1,516	834	96.60	80,600
	1982	547	1,600	875	102.00	88,907
	1983	546	1,637	894	111.00	99,415
	1984	581	1,867	1,085	98.60	106,967
	1985	578	1,965	1,136	100.00	114,143
	1986	518	2,063	1,069	97.70	104,444
	1987	495	2,242	1,110	110.00	122,064
	1988	501	2,248	1,126	97.90	110,189
	1989	529	2,440	1,291	100.00	129,457
	1990	545	2,440	1,330	96.00	127,701
ONIONS	1981	6,000	360	2,160	18.90	40,824
Spring	1982	7,900	355	2,805	10.10	28,331
	1983	7,600	285	2,166	10.80	23,393
	1984	7,700	355	2,734	12.00	32,808
	1985	7,800	450	3,510	14.30	50,193
	1986	7,800	370	2,886	10.20	29,437
	1987	8,200	390	3,198	17.50	55,965
	1988	8,500	390	3,315	9.71	32,189
	1989	7,700	400	3,080	11.30	34,804
	1990	8,500	420	3,570	11.10	39,627

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1981-90

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
ONIONS (Continued)	1981	22,300	315	7,025	8.37	56,969
Summer d/	1982	29,700	350	10,395	6.74	68,573
	1983	27,400	335	9,179	8.49	76,077
	1984	26,000	355	9,230	7.38	66,672
	1985	25,000	370	9,250	7.53	65,889
	1986	26,900	370	9,953	7.87	76,765
	1987	29,000	340	9,860	7.64	72,840
	1988	28,800	365	10,512	5.69	58,193
	1989	27,000	375	10,125	7.54	74,867
	1990	30,500	380	11,590	7.49	85,067
Total d/	1981	28,300	325	9,185	10.60	97,793
	1982	37,600	351	13,200	7.34	96,904
	1983	35,000	324	11,125	8.94	99,470
	1984	33,700	355	11,714	8.49	99,480
	1985	32,800	389	12,263	9.47	116,082
	1986	34,700	370	12,639	8.40	106,202
	1987	37,200	351	12,683	10.20	128,805
	1988	37,300	371	13,547	6.67	90,382
	1989	34,700	381	13,005	8.43	109,671
	1990	39,000	378	15,160	8.35	124,694
TOMATOES,	1981	30,100	254	7,650	20.50	157,101
FRESH MARKET	1982	28,700	249	7,154	19.70	140,705
Total	1983	29,300	277	8,114	19.50	157,942
	1984	27,900	267	7,452	25.30	188,576
	1985	28,600	272	7,783	19.40	150,627
	1986	28,600	278	7,938	22.80	180,956
	1987	29,500	300	8,850	21.50	190,275
	1988	37,500	245	9,188	29.90	274,721
	1989	38,400	260	9,984	24.00	239,616
	1990	38,000	255	9,690	28.20	273,258
MISCELLANEOUS	1981	153,900	---	24,517	---	465,000
VEGETABLES e/	1982	173,100	---	27,649	---	555,560
	1983	172,000	---	28,143	---	572,100
	1984	182,000	---	31,640	---	606,000
	1985	186,000	---	32,040	---	590,000
	1986	174,800	---	32,500	---	607,000
	1987	234,600	---	30,858	---	683,536
	1988	241,638	---	31,000	---	669,865
	1989	193,532	---	35,854	---	649,589
	1990	211,800	---	39,141	---	689,108
POTATOES f/	1981	3,200	280	896	12.80	11,469
Winter	1982	3,800	245	931	9.70	9,031
	1983	4,700	270	1,269	7.55	9,581
	1984	5,600	260	1,456	9.25	13,468
	1985	5,400	260	1,404	9.80	13,759
	1986	5,100	290	1,479	7.00	10,353
	1987	4,600	235	1,081	11.30	12,215
	1988	5,200	230	1,196	10.40	12,438
	1989	5,500	240	1,320	16.10	21,252
	1990	5,500	230	1,265	24.40	30,866
Spring	1981	26,400	390	10,296	11.90	122,522
	1982	25,500	375	95,63	10.60	101,368
	1983	24,500	340	8,330	9.45	78,719
	1984	28,500	390	11,115	12.00	133,380
	1985	27,500	385	10,588	9.60	101,645
	1986	19,500	390	7,605	8.55	65,023
	1987	21,300	370	7,881	11.50	90,632
	1988	19,600	385	7,546	8.90	67,159
	1989	21,000	375	7,875	11.00	86,625
	1990	22,500	375	8,438	10.50	88,599

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1981-90

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. 2/	Total Value (000)
POTATOES (Continued)	1981	8,000	370	2,960	11.70	34,632
Summer	1982	8,400	365	3,066	9.25	28,631
	1983	8,000	320	2,560	10.00	25,600
	1984	8,100	360	2,916	12.30	35,867
	1985	7,200	375	2,700	7.35	19,845
	1986	6,800	365	2,482	9.95	24,696
	1987	6,400	345	2,208	10.60	23,405
	1988	5,900	325	1,918	12.40	23,783
	1989	6,100	360	2,196	18.70	41,065
	1990	5,600	330	1,848	12.10	22,361
Fall	1981	18,700	370	6,919	7.05	69,530
	1982	18,500	410	7,585	6.30	47,786
	1983	19,000	410	7,790	8.90	69,331
	1984	18,200	400	7,280	7.70	56,056
	1985	21,500	390	8,385	6.10	51,149
	1986	17,000	405	6,885	6.40	44,064
	1987	18,300	430	7,869	4.13	32,656
	1988	16,500	370	6,105	8.15	49,756
	1989	16,100	400	6,440	8.40	54,096
	1990	17,000	390	6,630	5.60	37,128
Total	1981	56,300	374	21,071	10.40	217,402
	1982	56,200	376	21,145	8.90	186,816
	1983	56,200	355	19,949	9.20	183,231
	1984	60,400	377	22,767	10.60	238,771
	1985	61,600	375	23,077	8.15	186,398
	1986	48,400	381	18,451	7.85	144,136
	1987	50,600	376	19,039	8.45	158,908
	1988	47,200	355	16,765	9.15	153,136
	1989	48,700	366	17,831	11.40	203,038
	1990	50,600	356	18,181	9.85	178,954
SWEETPOTATOES 1/	1981	8,900	185	1,647	15.70	25,858
	1982	9,200	190	1,748	11.00	19,228
	1983	8,800	195	1,716	13.60	23,338
	1984	8,000	180	1,440	15.10	21,744
	1985	7,400	195	1,443	12.80	18,470
	1986	6,800	200	1,360	11.70	15,912
	1987	6,600	205	1,353	20.40	27,601
	1988	7,100	170	1,207	12.70	15,329
	1989	8,300	175	1,453	20.70	30,077
	1990	8,300	175	1,453	16.70	24,265
STRAWBERRIES 1/	1981	---	---	3,973	47.10	187,128
Fresh Market	1982	---	---	4,100	55.70	228,370
	1983	---	---	4,107	53.20	218,492
	1984	---	---	5,908	49.10	290,083
	1985	---	---	5,804	51.90	301,228
	1986	---	---	5,804	58.30	338,373
	1987	---	---	5,995	58.00	347,710
	1988	---	---	6,590	52.00	342,680
	1989	---	---	6,570	49.30	323,901
	1990	---	---	6,735	52.30	352,241
Processing	1981	---	---	1,423	25.60	36,429
	1982	---	---	2,215	30.90	68,660
	1983	---	---	2,135	28.50	60,791
	1984	---	---	1,636	17.60	28,794
	1985	---	---	1,934	16.90	32,685
	1986	---	---	2,074	22.60	46,872
	1987	---	---	2,230	26.70	59,541
	1988	---	---	2,050	23.00	47,150
	1989	---	---	2,100	23.00	48,300
	1990	---	---	3,165	25.00	79,125

CALIFORNIA VEGETABLE CROPS SUMMARY: Fresh Market and Dual Usage Crops, 1981-90

Crop	Year	Harvested Acreage	Average Yield (Cwt.)	Production 1,000 Cwt.	Price Per Cwt. a/	Total Value (000)
STRAWBERRIES (Cont.)	1981	10,900	495	5,396	41.40	223,557
Total	1982	11,600	545	6,322	47.00	297,030
	1983	13,000	480	6,242	44.80	279,283
	1984	14,100	535	7,544	42.30	318,877
	1985	14,600	530	7,738	43.20	333,913
	1986	15,600	505	7,878	48.90	385,245
	1987	17,500	470	8,225	49.50	407,251
	1988	19,200	450	8,640	45.10	389,830
	1989	20,400	425	8,670	42.90	372,201
	1990	20,000	495	9,900	43.60	431,366
BUSHBERRIES f/	1981	690	49	34	39.10	1,329
Boysenberries	1982	665	66	44	38.20	1,679
	1983	580	53	31	42.80	1,435
	1984	590	66	39	61.90	2,414
	1985	580	72	42	71.60	3,007
	1986	510	64	33	72.20	2,383
	1987	450	74	33	71.60	2,364
	1988	400	52	21	183.40	3,814
	1989	460	94	43	121.00	5,232
	1990	450	80	36	130.00	4,680
Olallieberries	1981	210	62	13	25.50	332
	1982	255	86	22	31.50	694
	1983	210	71	15	45.40	676
	1984	190	84	16	64.30	1,029
	1985	220	96	21	74.40	1,563
	1986	200	90	18	79.50	1,431
	1987	150	106	16	80.20	1,275
	1988	200	108	22	95.10	2,054
	1989	200	78	16	101.80	1,629
	1990	200	110	22	80.00	1,760
Raspberries	1981	140	64	9	213.30	1,281
	1982	190	68	13	168.00	2,184
	1983	260	69	18	181.00	3,122
	1984	350	74	26	190.00	4,922
	1985	500	84	42	190.00	7,980
	1986	600	100	60	177.60	10,653
	1987	1,000	82	82	154.60	12,677
	1988	1,500	111	167	158.60	26,497
	1989	1,400	104	145	165.00	23,978
	1990	1,700	104	177	165.00	29,228
Total	1981	1,040	54	56	52.50	2,942
	1982	1,110	71	79	57.70	4,557
	1983	1,050	61	64	81.80	5,233
	1984	1,130	72	81	103.30	8,365
	1985	1,300	81	105	119.50	12,550
	1986	1,310	85	111	130.80	14,467
	1987	1,600	82	131	124.40	16,317
	1988	2,100	100	209	154.50	32,275
	1989	2,060	77	204	149.20	30,839
	1990	2,350	100	235	151.70	35,668

a/ The processed price is based on equivalent returns at the processing plant door. The fresh market price is on a packed and loaded basis, f.o.b. shipping point.

b/ Information unavailable due to disclosure.

c/ Casaba, Santa Claus, Crenshaw and Persian combined into Other Melons.

d/ Production includes quantity harvested but not marketed because of loss during storage (shrinkage): For onion -- 1983 - 220,000 cwt., 1984 -- 260,000 cwt., 1985 -- 497,000 cwt., 1986 -- 200,000 cwt., 1987 -- 376,000 cwt., 1988 -- 280,000 cwt., 1989 - - 200,000 cwt., 1990 -- 234,000 cwt. Storage loss amounts are excluded when computing total value.

e/ Miscellaneous vegetables include: Artichokes, green lima beans for processing, cabbage, cucumbers, garlic, green onions, oriental vegetables, green peas, bell peppers, watermelons, etc.

f/ Potatoes and sweetpotatoes are also included in the Field Crop Bulletin. Strawberries and bushberries are also included in the Fruit and Nut Statistics Bulletin.

CALIFORNIA VEGETABLE CROPS: Harvested Acreage by Counties, 1989-90

Crop & County	1989	1990
ASPARAGUS		
Contra Costa	2,300	1,600
Imperial	4,400	4,500
Monterey	5,000	4,800
Orange	700	500
Riverside	700	500
Sacramento	700	800
San Joaquin	18,100	19,300
Yolo	600	600
Other Counties	5,000	3,300
TOTAL	37,500	35,900
BROCCOLI		
Fresno	5,800	5,000
Imperial	10,500	10,500
Kings	900	600
Monterey	50,000	48,700
Riverside	3,000	2,800
San Benito	900	1,800
San Luis Obispo	7,000	5,600
Santa Barbara	18,900	16,400
Santa Clara	400	400
Stanislaus	1,000	1,300
Ventura	2,400	2,800
Other Counties	800	1,600
TOTAL	101,600	97,500
CANTALOUPE		
Fresno	31,700	36,900
Imperial	30,900	35,200
Kern	2,100	3,400
Kings	1,400	1,500
Merced	8,300	7,300
Riverside	4,300	3,900
Other Counties	2,100	2,000
TOTAL	80,800	90,200
CARROTS		
Fresno	2,500	1,500
Imperial	12,700	12,700
Kern	28,300	29,600
Monterey	5,400	3,200
Riverside	1,800	2,300
San Luis Obispo	3,500	3,500
Other Counties	3,100	3,300
TOTAL	57,300	56,100
CAULIFLOWER		
Imperial	8,800	8,700
Monterey	22,000	22,300
Riverside	900	800
San Diego	700	1,000
San Joaquin	1,200	1,400
San Luis Obispo	2,000	1,900
Santa Barbara	8,800	9,600
Santa Cruz	600	1,100
Stanislaus	1,200	1,600
Ventura	1,800	900
Other Counties	4,500	2,000
TOTAL	52,500	51,300
CELERY		
Monterey	5,000	7,300
San Benito	600	600
San Luis Obispo	1,100	1,100
Santa Barbara	3,000	3,100
Ventura	11,000	11,200
Other Counties	1,100	1,500
TOTAL	21,800	24,800
CORN, SWEET		
Contra Costa	800	1,200
Los Angeles	300	400
Orange	500	500
Riverside	4,900	5,700
San Diego	400	400
Santa Clara	1,000	1,100
Ventura	1,200	1,200
Other Counties	8,400	9,500
TOTAL	17,500	20,000
LETTUCE, HEAD		
Fresno	18,500	17,100
Imperial	36,900	39,000
Kern	9,300	7,900
Monterey	64,100	58,300
Riverside	12,800	12,100
San Benito	1,300	3,600
San Luis Obispo	7,700	9,100
Santa Barbara	6,800	7,500
Santa Cruz	4,500	6,000
Ventura	1,300	1,300
Other Counties	5,200	300
TOTAL	168,400	162,200

CALIFORNIA VEGETABLE CROPS: Harvested Acreage by Counties, 1989-90

Crop & County	1989	1990
ONIONS		
Fresno	12,000	15,900
Imperial	7,800	10,100
Kern	9,000	7,100
Los Angeles	1,600	1,600
Riverside	700	900
San Benito	1,000	900
San Joaquin	1,600	1,500
Other Counties	1,000	1,000
TOTAL	34,700	39,000
POTATOES, WINTER		
Kern & Riverside	5,500	5,500
TOTAL	5,500	5,500
POTATOES, SPRING		
Kern	19,500	21,400
Other Counties	1,500	1,100
TOTAL	21,000	22,500
POTATOES, SUMMER		
San Joaquin	2,000	2,200
Other Counties	4,100	3,400
TOTAL	6,100	5,600
POTATOES, FALL		
Humboldt	500	500
Modoc	6,200	6,900
Monterey	1,000	1,000
Siskiyou	7,900	8,900
Other Counties	500	200
TOTAL	16,100	17,500
SWEETPOTATOES		
Fresno	1,400	1,400
Merced	6,000	6,200
Other Counties	900	700
TOTAL	8,300	8,300

Crop & County	1989	1990
STRAWBERRIES		
Los Angeles- Orange	2,400	2,400
Monterey- Santa Cruz	7,300	7,300
Santa Barbara- San Luis Obispo	5,000	4,600
San Diego	900	900
Ventura	3,900	3,900
Other Counties	900	900
TOTAL	20,400	20,000
TOMATOES, FRESH MARKET		
Fresno	5,200	6,000
Kings	1,000	1,200
Merced	5,700	7,400
Monterey	4,500	5,000
Orange	600	900
San Diego	2,600	3,300
San Joaquin	7,300	6,000
Stanislaus	3,700	4,500
Other Counties	7,800	3,700
TOTAL	38,400	38,000
TOMATOES, PROCESSING		
Colusa	17,800	20,800
Contra Costa	3,500	4,800
Fresno	94,000	104,400
Imperial	11,200	10,200
Kern	3,050	5,200
Kings	3,600	3,300
Merced	7,900	8,500
Monterey	3,000	2,800
Sacramento	7,700	5,550
San Benito	4,600	4,600
San Joaquin	21,200	25,270
Santa Clara	1,750	1,900
Solano	13,800	16,200
Stanislaus	11,500	13,500
Sutter	17,000	16,600
Ventura	3,700	4,370
Yolo	50,000	59,500
Other Counties	1,200	2,510
TOTAL	276,500	310,000

CALIFORNIA MISCELLANEOUS VEGETABLE CROPS: Harvested Acreage by Counties, 1990 a/

Crop & County	1990
ARTICHOKES	
Monterey	7,000
San Mateo	1,000
Santa Barbara	1,200
Other Counties	700
TOTAL	9,900
BEANS, GREEN LIMA	
Merced	4,600
Stanislaus	11,300
Other Counties	4,600
TOTAL	20,500
BEANS, SNAP, ALL	
Orange	1,800
Riverside	500
San Diego	500
San Luis Obispo	800
Santa Clara	700
Stanislaus	2,300
Other Counties	3,100
TOTAL	9,700
BRUSSELS SPROUTS	
Monterey	1,250
San Mateo	700
Santa Cruz	1,700
Other Counties	50
TOTAL	3,700
CABBAGE, ALL	
Imperial	850
Monterey	600
Orange	900
Riverside	700
San Benito	800
San Luis Obispo	1,000
Santa Barbara	3,500
Ventura	1,600
Other Counties	1,150
TOTAL	11,100
CUCUMBERS, ALL	
Riverside	750
San Diego	1,150
San Joaquin	2,000
Santa Clara	850
Other Counties	2,250
TOTAL	7,000
EGGPLANT, ALL	
Fresno	350
Riverside	150
Other Counties	100
TOTAL	600
ENDIVE, ALL	
Monterey	500
Other Counties	200
TOTAL	700
ESCAROLE, ALL	
Monterey	350
Other Counties	50
TOTAL	400
GARLIC, ALL	
Fresno	14,400
Kern	3,400
San Benito	600
Santa Clara	500
Other Counties	300
TOTAL	19,200
HORSERADISH	
Modoc	900
TOTAL	900
KALE	
Monterey	150
Riverside	150
Other Counties	100
TOTAL	400
MELONS, CASABA	
Stanislaus	400
Other Counties	300
TOTAL	700
MELONS, CRENSHAW	
Riverside	200
Stanislaus	300
Other Counties	250
TOTAL	750
MELONS, WATERMELON	
Imperial	3,200
Kern	4,200
Merced	1,350
Riverside	1,350
San Joaquin	1,300
Stanislaus	1,100
Other Counties	2,100
TOTAL	14,600
ONIONS, GREEN & SHALLOTS	
Monterey	1,000
Riverside	1,150
Other Counties	1,450
TOTAL	3,600

CALIFORNIA MISCELLANEOUS VEGETABLE CROPS: Harvested Acreage by Counties, 1990 a/

Crop & County	1990
PARSLEY	
Monterey	800
Ventura	2,400
Other Counties	1,800
TOTAL	5,000
PEAS, EDIBLE POD (SNOW)	
San Luis Obispo	3,500
Santa Barbara	1,250
Other Counties	1,450
TOTAL	6,200
PEAS, GREEN, ALL	
Merced	1,450
San Mateo	500
Stanislaus	7,500
Other Counties	3,550
TOTAL	13,000
PEPPERS, BELL	
Fresno	1,400
Merced	750
Orange	900
Riverside	1,000
Sacramento	700
San Benito	1,900
San Joaquin	3,200
San Luis Obispo	700
Santa Clara	1,200
Stanislaus	1,450
Ventura	1,900
Other Counties	3,300
TOTAL	18,400
PEPPERS, CHILI, HOT	
Monterey	3,850
Santa Clara	600
Other Counties	850
TOTAL	5,300
PUMPKINS	
San Joaquin	1,550
Stanislaus	1,350
Sutter	650
Other Counties	1,250
TOTAL	4,800
RADISHES	
Monterey	950
Other Counties	1,750
TOTAL	2,700
SPINACH	
Monterey	7,300
Santa Barbara	1,250
Stanislaus	2,850
Ventura	1,800
Other Counties	1,100
TOTAL	14,300
SQUASH	
Fresno	1,100
Orange	500
Riverside	650
San Diego	700
Santa Barbara	1,100
Stanislaus	250
Other Counties	2,750
TOTAL	7,050
TOMATOES, CHERRY	
Fresno	800
Other Counties	300
TOTAL	1,100
TURNIPS	
Other Counties	1,100
TOTAL	1,100
VEGETABLES, ORIENTAL, ALL	
Fresno	2,450
San Bernardino	650
San Luis Obispo	1,200
Other Counties	3,250
TOTAL	7,750

a/ SOURCE: County Agricultural Commissioners' Reports.

CALIFORNIA VEGETABLE CROPS: 1989 Monthly Prices, Fresh Market Vegetables a/

Crop	Month												1989 Average
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
	- - - - - - - - Dollars per Hundredweight - - - - - - - -												
Broccoli	21.70	14.10	16.70	21.20	15.40	12.50	20.60	17.90	25.20	25.80	23.20	34.30	20.40
Cantaloupe	---	---	---	---	---	3.95	7.45	11.50	7.60	11.30	19.30	---	12.60
Carrots	12.50	13.10	12.60	14.50	18.1-	18.60	20.40	10.30	9.50	9.25	8.85	10.60	13.70
Cauliflower	24.30	20.10	30.80	31.10	21.60	25.70	26.30	27.80	24.10	29.40	39.30	28.50	27.80
Celery													
South Coast	17.10	13.10	7.65	14.30	22.90	15.10	---	---	---	---	9.70	17.70	14.60
Central Coast	---	---	---	---	29.00	15.00	1.60	13.50	7.40	9.25	9.25	13.60	11.20
Corn, Sweet	---	---	---	13.50	13.50	17.90	19.40	22.70	23.40	17.60	15.80	---	16.10
Honeydew Melons	---	---	---	---	11.20	8.65	10.10	10.20	13.10	21.40	16.10	25.70	11.80
Lettuce	18.00	10.20	14.40	8.20	3.75	13.30	16.10	10.40	12.60	14.50	8.55	7.50	11.70
Strawberries	---	110.00	95.00	45.00	35.00	55.00	30.00	35.00	65.00	95.00	175.00	---	49.30
Tomatoes	---	---	---	---	39.20	24.00	22.80	19.70	21.00	28.50	24.80	26.10	24.00

a/ Prices are F.O.B. shipping point.

CALIFORNIA VEGETABLE CROPS: 1989 Monthly Shipments, Fresh Market Vegetables

Crop	Month												1989 Total
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
	- - - - - - - - Thousand Hundredweight - - - - - - - -												
Broccoli	631	730	783	817	949	861	591	628	608	721	776	727	8,821
Cantaloupe	---	---	---	---	1,779	2,575	3,027	3,085	1,438	643	408	24	13,160
Carrots	1,272	1,111	1,345	1,297	1,236	1,531	1,278	900	688	850	1,077	1,261	13,845
Cauliflower	292	343	363	409	620	445	329	365	358	370	410	382	4,686
Celery													
South Coast	687	651	1,119	560	735	768	44	---	---	8	243	637	5,450
Central Coast a/	82	5	---	---	97	598	881	884	976	1,269	1,510	762	7,066
Corn, Sweet	---	---	---	57	853	503	213	60	33	80	51	---	1,851
Honeydew Melons	---	---	---	---	75	365	853	1,105	723	263	146	42	3,573
Lettuce	2,125	2,245	2,298	5,444	5,905	5,342	4,982	5,305	5,238	5,363	3,819	1,977	50,044
Strawberries	28	74	408	1,743	1,771	806	656	561	325	172	60	39	6,643
Tomatoes	---	---	---	---	247	1,131	1,766	1,598	1,633	1,921	596	33	8,924

a/ Includes small amount of processing

NOTE: Totals may not add due to rounding.

SOURCE OF MONTHLY SALES: California Fresh Fruit & Vegetable Shipments, 1990
Federal-State Market News Service.

CALIFORNIA VEGETABLE CROPS: 1990 Monthly Prices, Fresh Market Vegetables a/

Crop	Month												1990 Average
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
	- - - - - - - - Dollars per Hundredweight - - - - - - - -												
Broccoli	14.60	18.10	14.00	13.10	17.30	13.00	22.50	26.10	31.70	37.00	41.70	38.20	22.30
Cantaloupe					14.50	11.90	7.00	7.00	7.40	9.20	14.40	---	9.20
Carrots	11.60	12.70	14.20	9.61	7.71	10.20	8.60	8.15	9.25	9.50	16.00	16.70	11.20
Cauliflower	17.20	27.90	21.00	22.10	18.80	20.50	21.90	27.90	25.60	33.30	36.20	32.80	24.80
Celery													
South Coast	19.50	10.80	5.95	8.10	14.50	8.20	---	---	---	---	13.40	11.50	11.30
Central Coast	---	---	---	---	14.50	8.35	8.25	7.05	9.40	11.50	14.10	11.50	10.30
Corn, Sweet	---	---	---	15.40	15.40	16.70	16.70	22.40	22.70	24.50	---	---	16.70
Honeydew Melons	---	---	---	---	26.90	26.90	19.50	11.10	11.00	22.30	37.10	---	15.80
Lettuce	9.10	6.40	7.30	8.10	7.85	8.00	12.30	14.50	18.50	19.80	20.90	11.00	12.20
Strawberries	150.00	115.00	115.00	50.00	35.00	45.00	40.00	50.00	55.00	75.00	125.00	130.00	52.30
Tomatoes	---	---	---	---	30.00	23.30	25.10	23.70	24.40	32.20	44.40	---	28.20

a/ Prices are F.O.B. shipping point.

CALIFORNIA VEGETABLE CROPS: 1990 Monthly Shipments, Fresh Market Vegetables

Crop	Month												1990 Total
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	
	- - - - - - - - Thousand Hundredweight - - - - - - - -												
Broccoli	832	640	881	853	873	843	613	587	549	567	623	618	8,478
Cantaloupe	---	---	---	---	658	1,597	3,038	3,030	1,936	678	260	?	11,198
Carrots	1,487	1,252	1,590	1,602	1,542	1,66	1,400	781	614	775	1,095	1,087	14,851
Cauliflower	426	245	411	449	608	509	380	355	369	377	437	361	4,927
Celery													
South Coast	1,144	1,081	1,082	996	839	844	69	---	---	---	283	663	6,999
Central Coast a/	168	15	---	---	72	582	1,050	879	771	1,158	1,496	583	6,774
Corn, Sweet	---	---	---	11	774	654	231	97	36	28	4	---	1,865
Honeydew Melons	---	---	---	---	51	214	676	1,129	758	256	48	---	3,132
Lettuce	2,613	2,300	1,968	4,892	5,848	5,630	5,091	4,910	4,784	5,358	4,061	1,520	48,975
Strawberries	91	160	335	1,498	1,727	995	834	577	348	248	115	56	6,984
Tomatoes	3	---	---	---	136	1,220	1,606	1,567	1,453	2,024	883	26	8,918

a/ Includes small amount of processing.

NOTE: Totals may not add due to rounding.

SOURCE OF MONTHLY SALES: California Fresh Fruit & Vegetable Shipments, 1990
Federal-State Market News Service.

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California Agricultural Exports

Annual Bulletin

1990

California Agricultural Exports

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Calendar Year 1990
Annual Bulletin Contents

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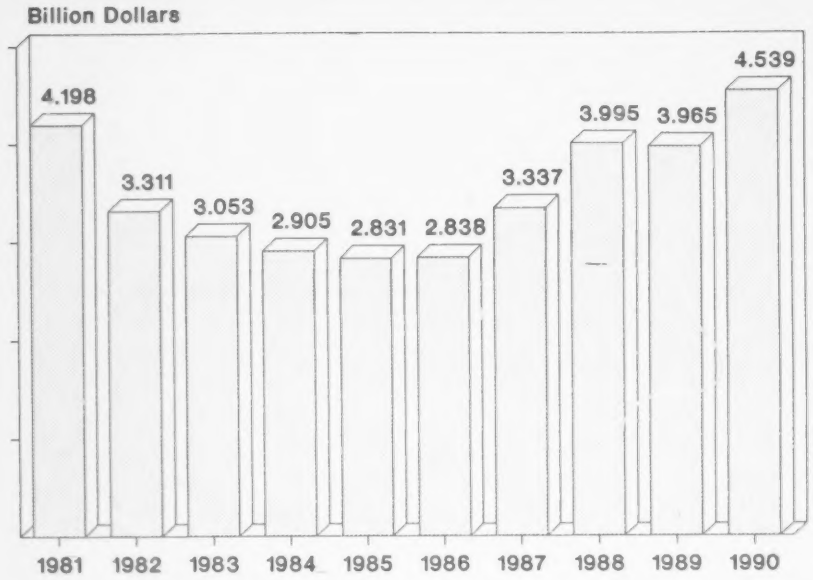
This 1990 estimate of California's agricultural exports is being published in two sections which are available separately.

The **Annual Bulletin** contains tables of California's international trade by commodity.

The **Statistical Appendix** contains tables of commodity shipments by country of destination and tables showing all agricultural commodities shipped to selected countries.

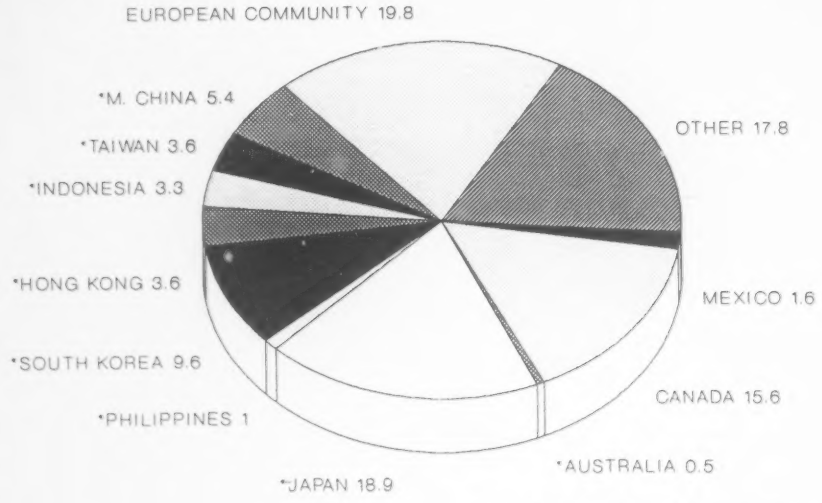
California's Agricultural Exports

Port Value, 1981-90



California's Agricultural Export Markets

Percent Shares, Calendar Year 1990



* *PACIFIC RIM COUNTRIES = 46.8%*
(includes .9 in OTHER)

Table 1 Highlights

Highlights of California's Agricultural Exports Calendar Year 1990

- The $4.5 billion in agricultural exports in 1990 was 14 percent higher than 1989. Gains were made in most commodities and were particularly good in fresh fruits and vegetables.
- Cotton, California's leading agricultural export, rebounded 28 percent over 1989. Sales abroad that had slowed in late 1989 revived in early 1990.
- Increases were recorded in 26 of the top 32 export commodities. The largest percentage increases were in lettuce, celery, cauliflower, peaches, plums and garlic.
- The three leading export commodities, cotton, almonds and grapes, together gained $351 million, accounting for over three-fifths of the total export value increase.
- Declines in wheat and rice of about one-fourth of their 1989 value followed a National pattern of U.S. losses of market share in the world grain trade.
- As a group, vegetables registered the greatest gain among the 32 leading exports. The 1990 total is 46 percent higher than 1989, led by a near doubling of the lettuce exports value. Pricing was a big factor in the lettuce increase but weight also gained 40 percent over 1989.
- This is the second year of utilizing the Harmonized System of Nomenclature for Exports so this can be ruled out as a cause of change in export value or quantity.

Information Sources

The following is a list of major sources used in this report.

U.S. Department of Commerce, Bureau of the Census, Foreign Trade Division data series FA622, U.S. Exports, Schedule B Schedule by Schedule B Number by Unit Control by County of Destination by Customs District of Exportation by Economic Class and Method of Transportation, available on magnetic computer tape.

U.S. Department of Agriculture, **Agricultural Statistics, 1990.**

U.S. Department of Agriculture, Economic Research Service, **Foreign Agricultural Trade of the United States, 1990.**

Agriculture Canada. **Annual Unload Report -- Fresh Fruits and Vegetables on 12 Canadian Markets.**

U.S. Department of Agriculture publications: **Ag Exporter, Foreign Agriculture Circulars, Outlook for U.S. Agricultural Exports, Agricultural Outlook,** and periodic releases of the Agricultural Statistics Board.

Federal/State Market News Service Publications. Frequent market reports sometimes include exported commodities.

Marketings Organizations and Individuals. Many people supplied opinions and information about the commodities with which they are professionally involved. We wish to thank all who contributed their expertise.

Farm values and quantities used to compare exports to the total crop were taken from existing publications of the California Agricultural Statistics Service and the U.S. Department of Agriculture's National Agricultural Statistics Service published material. Conversion of commodities from export form to farm production units was done using **Statistical Bulletin No. 626, Conversion Factors and Weights and Measures for Agricultural Commodities and Their Products.** Table 5 comparisons between California and U.S. total exports are done solely on export value.

The final estimates of California's agricultural exports in this bulletin were made using the port data, information from the Canadian government on unloads of fresh fruits and vegetables, and by contacting representatives of commodity groups, exporters, and handlers to obtain their opinions. Each commodity was treated separately and the estimate was made on the best available information. It should be emphasized that these are estimates since exact data are not available.

Table 1

Estimated Value of California's Leading Agricultural Exports Valued at Port of Exportation, Calendar Years 1989 and 1990 with Percentage Change

Commodity	Commodity Ranking		Value		Value Change	
	1989	1990	1989	1990	1988-89	1989-90
	Number		1,000 Dollars		Percent	
Cotton Lint	1	1	648,453	832,969	- 4	+ 28
Almonds	2	2	491,874	563,192	- 16	+ 14
Grapes	3	3	403,321	498,402	+ 5	+ 24
Oranges	4	4	244,743	252,711	+ 56	+ 3
Beef	5	5	133,077	130,758	+ 9	- 2
Walnuts	7	6	120,794	130,204	+ 17	+ 8
Prunes	9	7	101,189	118,398	+ 7	+ 17
Tomatoes	12	8	70,955	96,869	+ 36	+ 37
Wheat	6	9	128,490	94,831	+ 24	- 26
Alfalfa and Sudan	10	10	83,928	94,137	- 5	+ 12
Lettuce	16	11	46,889	92,105	+ 4	+ 96
Lemons	13	12	66,642	83,976	- 28	+ 26
Rice	8	13	110,506	83,517	- 6	- 24
Strawberries	14	14	64,457	74,094	- 17	+ 15
Flowers and Nursery	11	15	72,422	70,087	+ 94	- 3
Peaches	17	16	43,871	69,485	- 18	+ 58
Plums	18	17	40,657	64,357	- 11	+ 58
Onions	19	18	38,583	53,759	+ 33	+ 39
Vegetable Seeds	15	19	48,991	53,632	- 21	+ 9
Dairy	21	20	34,756	43,845	- 52	+ 26
Melons	24	21	29,999	43,057	- 5	+ 44
Chickens and Eggs	23	22	34,042	40,658	+ 12	+ 19
Broccoli	25	23	29,075	37,473	+ 8	+ 29
Cauliflower	31	24	21,263	35,990	+ 30	+ 69
Safflower	22	25	34,514	34,793	+ 6	+ 1
Sweet Cherries	20	26	35,437	33,465	- 1	- 6
Asparagus	26	27	28,680	30,715	+ 1	+ 7
Garlic	33	28	20,043	30,257	+ 70	+ 51
Dry Beans	29	29	24,381	29,527	- 11	+ 21
Celery	34	30	18,452	29,358	- 18	+ 59
Potatoes	32	31	20,914	25,372	+ 36	+ 21
Pistachios	28	32	25,369	25,349	+ 66	0
Remaining Estimated Commodities. (See Table 5)			165,170	147,869		
All Other Commodities. (See Table 8)			482,949	493,516		
TOTAL			3,964,886	4,538,728	< 1	+ 14

Table 2 Highlights

California's Agricultural Export Profile, 1990

Emphasizes the importance of international trade to California's ranchers and growers

- California ranchers and growers are selling substantial amounts in international markets. In the field crops, four out of five bales of cotton grown in California are sold outside the U.S. and nearly 90 percent of the sudan hay is exported, primarily to Japan.
- Over half of the safflower seed produced in California is marketed outside the U.S. This includes safflower oil exports as well as seed and just over half the value of safflower exports are in the oil form.
- California almonds are well known world-wide with over 70 percent of the 1990 crop entering international trade. Years of overseas market development have created many demands that now support a half billion dollar export business.
- Sweet cherries continue to have half the California crop sold abroad. This is nearly all to Japan through an early "window" that allows California cherries to precede the local production period during which the market is closed to imports.
- Prunes and walnuts continue to be heavily marketed abroad with 40 percent and 50 percent being sold internationally.
- Among the 14 vegetable crops estimated separately in Table 2, 12 gained in the percentage being exported. Only asparagus and garlic did not post an increasing proportion going abroad and their losses were only one percent.
- The lowest percentages of exports are seen in the livestock and poultry categories. Turkeys have less than one percent of California's production entering international trade and illustrate the case of expanding domestic consumption being a stronger demand than overseas with its special problems of shipping, storage and creating demand where it does not now exist.
- California continues to lead the Nation in agricultural exports as well as total agricultural production.

California's Leading Exports

Cotton — Exports of cotton rebounded 28 percent over 1989. If exports of this leading crop continue to climb at the same rate California will have a one billion dollar export commodity for the first time in 1991. Sales in 1990 made up for slow sales in late 1989 and increasing production of pima long staple fiber also contributed to the increase.

Almonds — California's number one food crop export also rebounded with sales in 1990 exceeding 1989 by 14 percent in value. The increase in volume was 19 percent indicating a lower average price. Sales to the U.S.S.R. doubled from the 1989 low of 7.2 million kilograms to 15.7 million but did not recover to the 1988 level of 21.2.

Grapes — All forms of grape exports contributed to the substantial increase of 24 percent. Fresh grapes gained 29 percent, wines 27 percent and raisins held down the average with a very respectable 17 percent increase over 1989. Promotion has played a strong role in bringing about these increases.

Oranges — Because this data covers the calendar year, the effects of the December freeze are not yet evident. Shipping in late December was from oranges picked before the December 20 cold wave began.

Beef — Estimated sales of California beef were virtually unchanged from 1989. The fresh boneless category doubled in value to over $12 million but this gain was offset by lower values recorded by tallow, variety meats and breeding stock.

LIST OF ABBREVIATIONS

Cond.	Condensed	Lb.	Pound	Pc.	Piece
Cwt.	100 Pounds	Lt.	Liter	Prep.	Prepared
Doz.	Dozen	M/Ton	2,204.6 Pounds	Proc.	Processed
Ea.	Each	MM	Millimeter	Pres.	Preserved
Ex.	Excluding	NESOI	Not Elsewhere Specified or Included	Rbe.	Running Bale
Gm	Gram			S/Ton	2,000 Pounds
Kg.	Kilogram	No.	Number		

Table 2

California's Agricultural Export Profile, 1990

Commodity	Farm Value of Exports Compared to Total Production Value	California Export Value Compared to U.S. Export Value at Port of Embarcation	Acres Needed to Produce California Exports (Average Yields)
	Percent		Acres
FIELD CROPS			
Alfalfa Seed	18.7	23.8	13,311
Hay *(incl. alfalfa)* Ex. Sudan	3.5	40.1	57,327
Barley	5.9	0.7	11,667
Clover Seed	18.5	61.7	1,519
Cotton Lint	81.3	30.5	858,475
Cottonseed	17.2	18.1	---
Dry Beans	28.7	62.8	48,270
Rice	35.1	15.9	75,291
Safflower	55.0	96.7	64,258
Sudan Hay	89.8	48.4	45,768
Wheat	33.6	2.3	282,004
FRUITS AND NUTS			
Almonds	70.9	100.0	291,724
Apricots	12.7	82.6	1,888
Avocados	3.6	73.5	2,857
Dates	25.6	100.0	1,364
Figs	15.3	100.0	726
Grapes			
Fresh	21.1	91.0	26,481
Raisins	25.9	100.0	67,434
Processed	4.3	73.4	26,127
Grapefruit	18.8	10.0	2,439
Kiwifruit	30.0	100.0	2,230
Lemons	34.3	85.2	10,473
Olives	1.8	100.0	485
Oranges	25.3	96.3	32,105
Peaches			
Freestone	10.7	78.5	2,969
Clingstone	2.8	100.0	782
Pears	6.6	27.4	1,895
Pistachios	27.3	100.0	16,600
Plums	31.8	86.9	13,336
Prunes	50.8	100.0	42,448
Sweet Cherries	49.4	42.7	4,818
Tangerines	19.6	56.4	1,218
Walnuts	40.3	100.0	71,875

Table 2 (Continued)

California's Agricultural Export Profile, 1990

Commodity	Farm Value of Exports Compared to Total Production Value	California Export Value Compared to U.S. Export Value at Port of Embarcation	Acres Needed to Produce California Exports (Average Yields)
	Percent		Acres
VEGETABLE CROPS			
Asparagus	20.9	77.4	7,449
Broccoli	13.2	96.9	13,844
Carrots	8.7	82.2	4,549
Cauliflower	20.0	96.6	10,574
Celery	11.9	79.7	2,896
Garlic	17.5	100.0	5,456
Lettuce	7.6	80.5	12,766
Melons	8.5	62.9	10,538
Onions	37.5	50.1	14,700
Peppers, Bell	6.3	14.9	1,223
Potatoes	7.6	41.3	3,738
Strawberries	13.3	84.9	1,988
Tomatoes			
Fresh	10.0	30.5	3,580
Processing	3.9	90.5	11,552
NURSERY PRODUCTS			
Flowers and Plants	3.7	35.2	N/A
Vegetable Seeds	N/A	43.8	7,213
LIVESTOCK AND POULTRY			
Beef Cattle and Products	3.0	3.5	---
Dairy Products	2.5	13.7	---
Sheep	3.8	8.9	---
Chickens and Eggs	5.2	5.4	---
Turkeys	0.8	9.9	---
TOTAL, ALL CATEGORIES	---	---	2,192,230

N/A Not Available

Table 3 Highlights

Comparison of California's Agricultural Production with Estimated Exports

The farmgate value of exports is shown in Table 3 and is compared to total State production as estimated by the California Agricultural Statistics Service or the Summary of California County Agricultural Commissioners' Reports. This comparison is made using quantities exported based on State average prices and varies significantly from the value declared at the port of embarcation used in Table 1. In some products, the high-quality selection process and special packing required for overseas markets augments the value considerably.

A comparison of California to U.S. exports is computed on the same basis: valuing exported quantities at National average farmgate prices.

Calendar year export data do not coincide with the varying harvest periods and marketing years of California's diverse production. In noted cases, the comparison of exports to production is made with the previous calendar year's crop since considerable delay is encountered in shipping products harvested late in the year.

FIELD CROPS

Cotton maintained its leading export crop status with just over 80 percent being sold into international trade. Some of the increase was making up for delayed 1989 sales resulting from uncertain market conditions during the last months of the calendar year. Sales of pima cotton have added to the export percentage also since most of this long staple fiber is used in overseas cotton mills.

Alfalfa hay sales abroad continued to decline as Japanese buyers secured supplies of sudan hay or bought alfalfa in other states at lower prices.

Sudan hay continues to be grown especially for the Japanese dairy market where fiber content is more prized than protein.

Rice exports declined again demonstrating the need for a stable outlet for California's short and medium length grain product. This type of rice is preferred by the Korean and Japanese buyers, both of whom have closed their markets to imports.

Wheat exports declined following the National trend that finds U.S. wheat being undersold on the world market. The result is low wheat prices and a large portion of the local production is being fed to local livestock and poultry.

FRUIT AND NUT CROPS

Although almonds gained in export value, the farm value of the exported portion of the crop changed only slightly. Part of this is explained by our method of averaging the 1989 and 1990 crops when calculating the farm value.

Avocado sales abroad declined along with local production that was reduced by severe weather. Meeting both domestic and foreign demand has been difficult with a crop that totals just over half the past ten year average.

Grape exports have gained in all forms: fresh for table use, dried as raisins and processed into wine, juice, concentrates or canned. Because wine grape prices were lower at the farm level in 1990, the value of the increased tonnage used to produce the exports does not reflect the actual gains that were made in sales of premium wines abroad.

Kiwifruit exports were stable in volume but decreased in value reflecting lower prices and increased competition in Japan and Europe.

Lemons showed the opposite trend with a lower quantity receiving a higher price.

Prunes gained again in both volume and value. After posting an 18 percent export value gain between 1988 and 1989 they continued with a 28 percent increase between 1989 and 1990.

VEGETABLES, FLOWERS AND BERRIES

Gains in quantities exported were recorded by all items in this group except asparagus and in eight out of fourteen cases the exported share of the crop now exceeds 10 percent.

Broccoli, cauliflower and lettuce showed especially good gains reflecting the consumer interest in these fresh vegetables in Canada where emphasis has been put on equating flavor and freshness.

Strawberries are increasing faster in production than exports with the resulting lower export percentage. At the same time, the farm value of strawberry exports increased 41 percent between 1989 and 1990. Improved varieties and shipping by air have helped to open markets in Japan and Europe. Sales to Japan reached $15 million in 1990.

In the face of record production of processing tomatoes, sales abroad just barely kept pace. The 3.5 percent of the crop going into international trade is the lowest proportion among the vegetables listed.

Vegetable seeds continued to sell well abroad with the value of exports reaching $53.6 million in 1990.

LIVESTOCK AND POULTRY

The farm value of cattle exports declined between 1989 and 1990. The decrease was largely in live cattle exports and the value of offal (variety meats), tallow and hides. The value of exported fresh boneless carcass beef in 1990 was three times the 1989 value showing a trend toward a higher quality product and higher value-added exports.

Dairy product export expansion is a result of government sales and does not reflect market conditions. Values assigned to exports do not necessarily reflect market prices at that time.

The farm value of chicken and egg exports expanded by $2 million (5 percent), a change in total that includes a loss in egg exports that was more than met by gains in chicken meat, especially the chicken parts and edible offal categories.

Table 3

California's Principal Crop and Livestock Commodities Estimated Farm Value of Production and Comparable Farm Value of Exports with Comparison to U.S. Total, 1990

Commodity	Unit	California Total Quantity		California Farm Value		Exported Share of Production (Farmgate Value)	
		Production	Exports	Production	Exports	California	U.S.
		1,000 Units		1,000 Dollars		Percent	
FIELD CROPS							
Alfalfa Seed	Lbs.	35,065	6,574	50,494	9,467	18.7	24.2
Alfalfa Hay	S/Tons	8,331	293	880,087	41,725	3.5	0.8
Barley	S/Tons	240	14	26,000	1,525	5.9	13.1
Clover Seed	Lbs.	2,190	432	2,885	534	18.5	N/A
Cotton Lint a/	Rba.	2,727	2,123	935,534	755,488	80.8	58.2
Cottonseed b/	S/Tons	1,079	181	159,692	27,408	17.2	17.4
Dry Beans	Cwt.	3,108	893	93,551	26,877	28.7	23.1
Rice a/	Cwt.	32,390	5,948	203,085	49,386	24.3	35.1
Safflower b/	S/Tons	150	82	34,115	18,761	55.0	50.4
Sudan Hay	S/Tons	388	349	37,759	33,902	89.8	N/A
Wheat	S/Tons	1,437	660	158,101	53,082	33.6	34.4
FRUITS AND NUTS							
Almonds b/	S/Tons	286	203	511,615	362,610	70.9	70.9
Apricots	S/Tons	115	13	36,824	4,681	12.7	14.3
Avocados	S/Tons	105	4	239,400	8,552	3.6	3.8
Dates a/	S/Tons	22	6	22,880	5,847	25.6	25.6
Figs	S/Tons	46	2	15,082	2,301	15.3	15.3
Grapes: All Fresh	S/Tons	821	219	431,025	115,035	21.1	20.3
All Raisins a/ c/	S/Tons	1,864	586	395,168	111,826	25.9	25.9
All Processed a/	S/Tons	2,890	197	984,117	50,822	4.3	6.7
Grapefruit -- 64# Boxes	Box	8,700	1,105	81,674	15,354	18.8	28.5
Kiwifruit b/	S/Tons	36	11	14,455	4,338	30.0	30.0
Lemons -- 76# Boxes	Box	15,700	3,440	237,803	73,075	30.7	29.0
Olives a/	S/Tons	123	2	60,030	1,030	1.8	1.8
Oranges -- 75# Boxes	Box	76,900	14,100	562,237	142,412	25.3	10.7
Peaches: Freestone d/	S/Tons	389	42	177,266	18,953	10.7	14.1
Clingstone	S/Tons	585	17	121,842	3,470	2.8	4.3
Pears	S/Tons	332	27	139,173	9,118	6.6	12.6
Pistachios a/	S/Tons	33	11	89,125	24,320	27.3	27.3
Plums	S/Tons	222	71	133,866	42,591	31.8	33.7
Prunes	S/Tons	147	80	132,343	67,219	50.8	50.8
Sweet Cherries	S/Tons	22	10	19,610	9,685	49.4	29.5
Tangerines -- 75# Boxes	Box	1,600	267	29,280	5,442	18.6	11.3
Walnuts a/	S/Tons	229	92	245,030	98,671	40.3	40.3

Table 3 (Continued)

California's Principal Crop and Livestock Commodities Estimated Farm Value of Production and Comparable Farm Value of Exports with Comparison to U.S. Total, 1990

Commodity	Unit	California Total Quantity		California Farm Value		Exported Share of Production (Farmgate Value)	
		Production	Exports	Production	Exports	California	U.S.
		1,000 Units		1,000 Dollars		Percent	
VEGETABLE CROPS							
Asparagus	Cwt.	1,041	216	70,833	14,831	20.9	14.3
Broccoli	Cwt.	11,550	1,640	257,898	34,924	13.5	12.4
Carrots	Cwt.	17,328	1,405	180,184	15,608	8.7	7.1
Cauliflower	Cwt.	5,808	1,232	152,929	30,545	20.0	17.0
Celery	Cwt.	15,505	1,769	175,490	19,105	11.9	11.2
Garlic	Cwt.	3,609	1,000	72,713	12,747	17.5	17.5
Lettuce	Cwt.	51,675	4,229	682,700	51,599	7.6	7.2
Melons	Cwt.	16,627	1,598	230,699	19,544	8.5	N/A
Onions c/	Cwt.	16,245	5,826	124,694	46,811	37.5	23.9
Peppers, Bell	Cwt.	4,620	307	88,436	5,601	6.3	N/A
Potatoes	Cwt.	17,831	1,324	203,038	14,037	6.9	0.8
Strawberries	Cwt.	9,900	984	431,366	46,133	10.7	13.3
Tomatoes: Fresh	Cwt.	9,275	893	247,795	24,827	10.0	7.1
Processed b/	S/Tons	8,946	340	601,690	23,198	3.9	3.8
NURSERY PRODUCTS							
Flowers and Plants		N/A	N/A	1,908,974	70,087	3.7	N/A
Vegetable Seeds	Kg.	N/A	7,812	N/A	53,632	N/A	N/A
LIVESTOCK AND POULTRY							
Beef: Cattle and Calves				1,739,859	52,901	3.0	4.0
Dairy Products				2,561,503	63,122	2.5	3.4
Sheep				44,583	1,696	3.8	4.8
Chickens and Eggs				776,626	40,531	5.2	3.3
Turkeys				274,816	2,313	0.8	0.9
Horses				N/A	3,324	N/A	N/A

a/ 1990 exports compared to 1989 crop due to lag in time of sale after harvest.
b/ Compared to an average of the 1989 and 1990 crops.
c/ Fresh Equivalent.
d/ Includes nectarines due to joint classification number assigned at port of export.
N/A Not Available.

Table 4 Highlights

Changes in Value of California Exported Commodities

1983-90

- A resurgence in exports during 1990 produced a new record in agricultural product value being sold into international trade. This continues an upward trend begun in 1987 that reached a plateau in 1989.
- Only five of the 25 leading export crops showed declines. Wheat and rice showed substantial reductions while only small changes were recorded for beef cattle and products, flowers and plants and sweet cherries.
- Fruits and vegetables rose to new record sales abroad.
- Nearly one-third of the gain in total exports is accounted for by cotton, California's leading export crop.
- Notable changes include:

1. Grape exports in 1990 were double their 1986 level. Markets for raisins, wine and table grapes have been increased by almost one-fourth between 1989 and 1990.
2. Orange exports reached one-quarter of a billion dollars in 1990, a new record.
3. Walnuts reached a new record but remain at one-fourth the level of almonds.
4. Prunes also reached a new record with the 1990 sales abroad being almost double the 1983 level.
5. Although hay exports recorded a new record high the fast expansion of earlier years is not being repeated and the mix of products is shifting to sudan and other hay from alfalfa.
6. Tomato exports in 1990 were three times the 1985 level.
7. With a $10 million increase in value, strawberry exports in 1990 nearly regained the record high set in 1988.
8. One of the largest percentage increases (+96 percent) was recorded by lettuce exports. Higher prices and increasing demand for non-heading varieties contributed to the remarkable one-year gain.
9. The increase in peach exports changes a rather flat trend pattern. The increase was shared by fresh exports and canned fruit mixtures but not by canned peaches.
10. Broccoli and cauliflower exports have increased to new records following U.S. consumption patterns that are shared by Canada and other foreign markets.

California's Share of the Nation's Agricultural Exports

- California's estimated agricultural exports for calendar year 1990 are presented in Table 5 on an individual item basis. U.S. total exports of each item are also shown, and the share of the Nation's exports produced in California is calculated using this data.
- California's share of the Nation's 1990 agricultural exports increased to 11.5 percent from 9.9 percent in 1989.
- California's percent increase is in sharp contrast to the U.S. total agricultural export value that decreased one percent between 1989 and 1990. The markets for higher value products were clearly expanding while the exports of bulk grains and oilseeds were decreasing.
- Thirty export crop estimates show more than one-half coming from California. Those exclusive to California include: almonds, dates, figs, raisins, olives, kiwifruit, pistachios, prunes, walnuts and garlic.
- To arrive at the estimates in Table 5, each selected commodity was individually studied. For some that are grown only in California, the National export data are sufficient. For others produced outside California, modifications are made using California port data and information from commodity traders and exporters. Additional information on shipments of fruits and vegetables to Canada was obtained from the Canadian government.
- Only when California-grown products are not easily identifiable (hides and skins, tallow, meats and poultry, for example) is the California share of U.S. production used. This system is also used to calculate the "all other" category using factors obtained from the Economic Research Service of the U.S. Department of Agriculture. The factors were calculated for 15 groups of commodities not listed separately in Table 5 and applied to the U.S. totals that are shown in Table 8 of the Statistical Appendix to this Bulletin.

Table 4

Changes in Value of California's Exported Commodities, 1983-90

Commodity	1983	1984	1985	1986	1987	1988	1989	1990
	Millions of Dollars							
Cotton Lint	859.0	624.7	617.5	433.4	620.0	678.1	648.5	833.0
Almonds	243.2	315.5	400.1	420.3	464.9	587.1	491.9	563.2
Grapes	212.8	195.2	195.1	245.5	295.8	385.7	403.3	498.4
Oranges	241.7	217.6	208.3	197.2	181.1	157.3	244.7	252.7
Beef Cattle and Products	75.5	99.8	95.1	100.6	110.1	122.4	133.1	130.8
Walnuts	48.3	66.8	79.5	94.9	120.5	103.4	120.8	130.2
Prunes	66.8	63.7	64.4	72.9	87.9	94.8	101.2	118.4
Tomatoes	40.1	36.6	32.4	36.0	41.8	52.3	71.0	96.9
Wheat	72.9	115.5	79.3	24.4	69.0	103.4	128.5	94.8
Alfalfa, Sudan and Other Hay	48.2	35.4	53.8	82.8	58.5	88.4	83.9	94.1
Lettuce	37.2	40.3	31.8	35.6	40.9	45.0	46.9	92.1
Lemons	95.3	88.3	53.8	78.3	75.5	92.0	66.6	84.0
Rice	150.6	91.8	109.2	54.9	71.9	117.2	110.5	83.5
Strawberries	28.7	29.8	36.0	55.4	63.3	77.8	64.5	74.1
Flowers and Plants	17.4	33.4	25.7	29.0	32.5	37.3	72.4	70.1
Peaches	53.2	42.3	38.5	45.7	44.0	53.6	43.9	69.5
Plums	11.9	22.5	23.6	23.8	39.5	45.7	40.7	64.4
Onions	28.8	44.8	28.7	28.5	28.4	29.0	38.6	53.8
Vegetable Seeds	---	---	---	47.5	50.7	61.7	49.0	53.6
Dairy Cattle and Products	46.4	42.4	33.0	24.3	31.3	71.7	34.8	43.8
Melons	---	---	---	---	41.4	31.7	30.0	43.1
Chickens and Eggs	13.7	14.9	16.6	20.9	21.1	30.3	34.0	40.7
Broccoli	13.7	19.5	18.7	23.2	21.2	26.9	29.1	37.5
Cauliflower	13.5	16.1	13.3	15.5	13.2	16.4	21.3	36.0
Safflower	---	24.1	21.9	18.7	15.9	32.5	34.5	34.8
Sweet Cherries	---	---	---	---	24.1	35.8	35.4	33.5
TOTAL	3,053.2	2,905.0	2,831.4	2,838.5	3,336.8	3,994.7	3,964.9	4,538.7

Table 5

California's Principal Agricultural Exports Compared to U.S. Total 1990

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated California Exports Compared to U.S. Exports
		Quantity	Value	Quantity	Value	(Value Basis)
		1,000 Units	1,000 Dollars	1,000 Units	1,000 Dollars	Percent
FIELD CROPS						
ALFALFA & OTHER HAY						
Alfalfa Meal/Pellets, Dehydrated	S/Ton	1	245	2	279	
Alfalfa Meal/Pellets, Sun Cured	S/Ton	90	8,527	164	24,887	
Alfalfa Hay Pellets	S/Ton	9	989	9	1,126	
Alfalfa Cubes & Bales	S/Ton	197	22,479	364	59,897	
Hay *(incl. Sudan & Alfalfa)*	S/Ton	341	36,812	571	85,820	
Forage Products *(incl. Sudan & Bermuda)*	S/Ton	130	18,317	271	37,850	
Alfalfa Seed, Certified	Kg.	1,373	4,490	6,896	22,231	
Alfalfa Seed, Uncertified	Kg.	1,609	2,278	2,898	6,176	
SUBTOTAL - All Alfalfa			94,137		238,266	39.5
BARLEY						
Barley, Unmilled	S/Ton	14	1,525	2,286	203,811	0.7
COTTON						
Cotton, 19-28 mm	Rbs.	1,850	712,473	6,306	2,327,806	
Cotton, > 28 mm, Pima	Rbs.	52	26,154	286	151,708	
Cotton, > 28 mm, Ex. Pima	Rbs.	221	87,073	601	233,370	
Cotton Linters, Other	Kg.	16,054	7,269	36,895	15,813	
SUBTOTAL - All Cotton			832,969		2,728,697	30.5
COTTONSEED						
Cottonseed	Kg.	8,121	2,317	44,855	12,797	
Cottonseed Oil, Crude	Kg.	11,651	6,445	64,350	35,598	
Cottonseed Oil, Once Refined	Kg.	10,928	4,080	60,359	22,536	
Cottonseed Oil, Other	Kg.	3,798	2,296	20,976	12,680	
Cottonseed Oil, Cake & Meal	Kg.	2,610	820	14,418	4,530	
Cottonseed Oil, Hydrogenated	Kg.	48	35	264	193	
SUBTOTAL - All Cottonseed			15,993		88,334	18.1
DRY BEANS						
Lima Beans, Baby	Lb.	43,552	13,565	43,552	13,565	
Lima Beans, Other	Lb.	9,076	4,012	9,076	4,012	
Kidney Beans & White Kidney	Lb.	27,850	8,645	63,082	19,581	
Blackeye Beans *(Cowpeas)*	Lb.	6,809	2,204	9,824	2,976	
Seed Beans, Kidney & White	Lb.	2,004	1,101	13,448	6,895	
SUBTOTAL - All Dry Beans			29,527		47,029	62.8
LADINO & WHITE CLOVER SEED						
Ladino & White Clover Seed	Lb.	432	534	699	865	61.7

Table 5 (Continued)

California's Principal Agricultural Exports Compared to U.S. Total 1990

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated California Exports Compared to U.S. Exports
		Quantity	Value	Quantity	Value	(Value Basis)
		1,000 Units	1,000 Dollars	1,000 Units	1,000 Dollars	Percent
RICE						
Rice, Paddy or Rough	Kg.	23,393	5,029	194,594	34,875	
Rice, Husked, Brown, Long	Kg.	1,238	536	341,898	87,307	
Rice, Husked, Brown, Medium	Kg.	40,874	11,270	63,372	17,946	
Rice, Husked, Brown, Short	Kg.	271	91	2,488	756	
Rice, Husked, Brown, Mixed	Kg.	1,587	758	25,055	5,194	
Rice, Parboiled, Other	Kg.	3,749	1,267	104,886	32,184	
Rice, Milled, Long	Kg.	3,868	1,607	747,794	245,305	
Rice, Milled, Medium	Kg.	190,656	60,545	259,122	81,658	
Rice, Milled, Short	Kg.	2,924	1,673	4,540	2,292	
Rice, Milled, Mixed	Kg.	617	194	7,026	2,811	
Rice, Milled > 74% Broken	Kg.	624	207	25,734	6,160	
Rice Byproducts	M/Ton	1	340	52	8,615	
SUBTOTAL - All Rice			83,517		525,103	15.9
SAFFLOWER						
Safflower Seed	S/Ton	39	15,909	39	16,074	
Safflower Oil, Crude	S/Ton	12	12,053	12	12,360	
Safflower Oil, Refined	S/Ton	6	6,831	7	7,541	
SUBTOTAL - All Safflower			34,793		35,975	96.7
WHEAT						
Wheat, Unmilled	Kg.	286,374	42,014	26,161,924	3,655,461	
Wheat, Unmilled, Durum	Kg.	49,197	8,930	1,222,167	174,985	
Wheat, Seed	Kg.	131,816	41,534	172,865	56,558	
Wheat, Flour	Kg.	1,125	314	831,922	182,956	
Wheat, Flour, Semolina	Kg.	0	0	1,772	518	
Wheat, Groats & Meal, NESOI	Kg.	134	20	10,229	2,091	
Wheat, Pellets	Kg.	322	47	12,976	1,329	
Wheat, Gluten	Kg.	2,118	1,582	5,910	4,635	
Wheat, Bran	M/Ton	5	390	14	1,172	
SUBTOTAL - All Wheat			94,831		4,079,705	2.3
SUBTOTAL - ALL FIELD CROPS			1,187,826		7,947,785	
FRUIT & NUT CROPS						
ALMONDS						
Almonds, Not Shelled	Kg.	9,014	19,762	9,014	19,762	
Almonds, Shelled	Kg.	154,319	450,056	154,319	450,056	
Almonds, Prepared/Preserved	Kg.	25,039	93,374	25,039	93,374	
SUBTOTAL - All Almonds			563,192		563,192	100.0

Table 5 (Continued)

California's Principal Agricultural Exports Compared to U.S. Total 1990

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated California Exports Compared to U.S. Exports
		Quantity	Value	Quantity	Value	(Value Basis)
		1,000 Units	1,000 Dollars	1,000 Units	1,000 Dollars	Percent
APRICOTS						
Apricots, Fresh	Kg.	2,941	3,292	4,666	4,880	
Apricots, Dried	Kg.	1,086	3,443	1,086	3,443	
Apricots, Prepared/Preserved	Kg.	569	826	569	826	
SUBTOTAL - All Apricots			7,561		9,149	82.6
AVOCADOS						
Avocados, Fresh	Kg.	3,751	5,729	4,925	7,797	73.5
DATES						
Dates, Dried	Kg.	5,100	10,570	5,100	10,570	100.0
FIGS						
Figs, Dried & Fresh	Kg.	2,122	4,920	2,122	4,920	100.0
GRAPES						
Grapes, Fresh	Kg.	186,980	196,559	205,562	215,929	
Grapes, Dried Raisins	Kg.	120,714	176,178	120,714	176,178	
Grapes, Wine, Sparkling & Effervescent	Lt.	8,729	10,528	9,117	11,028	
Grapes, Wine < 14%	Lt.	70,580	97,370	73,720	101,990	
Grapes, Wine > 14%	Lt.	4,767	4,744	4,979	4,969	
Grapes Must	Lt.	856	2,432	894	2,547	
Grape Juice, Not Concentrated	Lt.	2,829	977	20,296	6,949	
Grape Juice, Concentrate, Frozen	Lt	1,582	1,136	11,687	8,731	
Grape Juice, Concentrate, Not Frozen	Lt.	5,699	4,252	37,422	30,670	
Grapes, Canned Mixed Fruit (16% Grapes)	Kg.	4,008	4,226	4,008	4,226	
SUBTOTAL - All Grapes			498,402		563,217	88.5
GRAPEFRUIT						
Grapefruit, Fresh	Kg.	32,067	17,850	320,674	178,496	10.0
KIWIFRUIT						
Kiwifruit	Kg.	9,665	14,823	9,665	14,823	100.0
LEMONS						
Lemons, Fresh	Lb.	255,023	83,976	299,323	98,563	85.2
OLIVES						
Olives, Canned	Kg.	1,963	3,586	1,963	3,586	
Olives, Other	Kg.	154	215	154	215	
SUBTOTAL - All Olives			3,801		3,801	100.0
ORANGES						
Oranges, Fresh	Lb.	1,057,513	252,711	1,101,264	262,296	96.3

Table 5 (Continued)

California's Principal Agricultural Exports Compared to U.S. Total 1990

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated California Exports Compared to U.S. Exports
		Quantity	Value	Quantity	Value	(Value Basis)
		1,000 Units	1,000 Dollars	1,000 Units	1,000 Dollars	Percent
PEACHES						
Peaches & Nectarines, Fresh	Kg.	37,707	42,562	57,823	54,236	
Peaches, Canned	Kg.	16,355	15,038	16,355	15,038	
Peaches, Canned Mixtures (45% Peaches)	Kg.	11,272	11,885	11,272	11,885	
SUBTOTAL - All Peaches			69,485		81,159	85.6
PEARS						
Pears, Fresh	Kg.	16,835	10,536	108,742	61,473	
Pears, Canned	Kg.	821	842	2,977	2,747	
Pears, Canned Mixtures (30% Pears)	Kg.	11,272	8,543	11,272	8,543	
SUBTOTAL - All Pears			19,921		72,763	27.4
PISTACHIOS						
Pistachios, Not Shelled	Kg.	3,241	11,610	3,241	11,610	
Pistachios, Shelled	Kg.	893	4,012	893	4,012	
Pistachios, Prepared/Preserved	Kg.	2,245	9,727	2,245	9,727	
SUBTOTAL - All Pistachios			25,349		25,349	100.0
PLUMS						
Plums, Fresh	Kg.	64,077	64,357	75,233	74,034	86.9
PRUNES						
Prunes, Dried	Kg.	80,309	118,398	80,309	118,398	100.0
SWEET CHERRIES						
Sweet Cherries	Kg.	9,207	33,465	29,999	78,330	42.7
TANGERINES						
Tangerines, Fresh	Lb.	20,045	6,690	32,701	11,852	56.4
WALNUTS						
Walnuts, Not Shelled or Preserved	Kg.	50,918	91,469	50,918	91,469	
Walnuts, Shelled	Kg.	11,777	38,735	11,777	38,735	
SUBTOTAL - All Walnuts			130,204		130,204	100.0
SUBTOTAL -- ALL FRUITS & NUTS			1,931,404		2,308,913	
VEGETABLES, NURSERY PRODUCTS, SEEDS, MELONS & BERRIES						
ASPARAGUS						
Asparagus, Fresh	Lb.	21,581	30,715	27,763	37,301	
Asparagus, Canned	Lb.	0	0	4,539	2,378	
SUBTOTAL - All Asparagus			30,715		39,679	77.4

Table 5 (Continued)

California's Principal Agricultural Exports Compared to U.S. Total 1990

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated California Exports Compared to U.S. Exports
		Quantity	Value	Quantity	Value	(Value Basis)
		1,000 Units	1,000 Dollars	1,000 Units	1,000 Dollars	Percent
BROCCOLI						
Broccoli, Fresh	Lb.	163,962	37,473	168,123	38,679	96.9
CARROTS						
Carrots, Fresh	Lb.	138,678	19,848	158,736	23,258	
Carrots, Frozen	Kg.	443	319	1,798	1,278	
SUBTOTAL - All Carrots			20,167		23,536	82.2
CAULIFLOWER						
Cauliflower, Fresh	Kg.	55,867	35,990	58,096	37,242	96.6
CELERY						
Celery, Fresh	Kg.	80,241	29,358	101,031	36,834	79.7
GARLIC						
Garlic, Fresh	Lb.	19,879	13,833	19,879	13,833	
Garlic, Dried *(Fresh Equivalent)*	Lb.	80,152	16,424	80,152	16,424	
SUBTOTAL - All Garlic			30,257		30,257	100.0
LETTUCE						
Lettuce, Fresh	Kg.	191,844	92,105	239,295	114,373	80.5
MELONS						
Melons, Fresh *(Honeydews)*	Lb.	70,514	18,283	86,630	23,030	
Cantaloup	Lb.	68,796	19,924	78,830	22,688	
Watermelon	Lb.	20,526	4,850	94,359	22,683	
SUBTOTAL - All Melons			43,057		68,401	62.9
ONIONS						—
Onions, Fresh	Lb.	87,868	15,767	370,823	55,772	
Onions, Dried & Processed	Cwt.	4,948	37,992	6,128	51,462	
SUBTOTAL - All Onions			53,759		107,234	50.1
PEPPERS						
Peppers, Fresh	Lb.	30,690	5,601	151,233	37,611	14.9
POTATOES						
Potatoes, Fresh	Kg.	59,934	25,122	136,935	58,614	
Potatoes for Seed	Lb.	2,881	250	11,541	2,830	
SUBTOTAL - All Potatoes			25,372		61,444	41.3
STRAWBERRIES						
Strawberries, Fresh	Kg.	34,072	62,938	38,887	67,365	
Strawberries, Frozen	Kg.	8,411	11,156	14,868	19,957	
SUBTOTAL - All Strawberries			74,094		87,322	84.9

Table 5 (Continued)

California's Principal Agricultural Exports Compared to U.S. Total 1990

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated California Exports Compared to U.S. Exports
		Quantity	Value	Quantity	Value	(Value Basis)
		1,000 Units	1,000 Dollars	1,000 Units	1,000 Dollars	Percent
TOMATOES						
Tomatoes, Fresh	Cwt.	893	25,836	2,997	84,828	
Tomatoes, Canned Pieces	Lb.	11,766	3,922	12,998	4,333	
Tomatoes, Canned Sauce *(Ex. Chili)*	Lb.	45,494	19,168	50,258	21,175	
Tomatoes, Canned Paste	Lb.	71,786	32,949	79,304	36,400	
Tomatoes, Canned Other	Lb.	5,829	2,059	6,440	2,275	
Tomato Juice & Vegetable Juice (> 70% Tomato)	Gal.	1,582	3,203	1,748	3,538	
Catsup & Chili Sauce	Lb.	28,545	9,732	31,535	10,751	
SUBTOTAL - All Tomatoes			96,869		163,300	59.3
NURSERY PRODUCTS						
Cut Flowers & Flowering Plants			18,368		34,980	
Other Cut Plant Materials			6,841		62,191	
Bulbs, Roots, Corms, Etc.			1,439		6,481	
Fruit & Nut Plants			7,270		14,540	
Rose Plants			5,269		6,586	
Nursery Stocks, NESOI			13,525		55,204	
Flower Seeds			17,375		19,305	
SUBTOTAL - Nursery Products			70,089		199,287	35.2
VEGETABLE SEEDS						
Carrot Seed	Kg.	282	1,815	893	4,620	
Onion Seed	Kg.	247	3,693	821	9,734	
Pepper Seed	Kg.	174	1,068	485	2,679	
Radish Seed	Kg.	155	740	1,738	5,007	
Spinach Seed	Kg.	80	299	1,392	3,968	
Cantaloup Seed	Kg.	332	1,447	731	4,073	
Cucumber Seed	Kg.	438	4,995	771	8,668	
Lettuce Seed	Kg.	116	1,121	236	2,010	
Squash Seed	Kg.	337	3,423	853	6,663	
Tomato Seed	Kg.	321	4,940	758	12,193	
Watermelon Seed	Kg.	630	2,979	872	6,373	
Vegetable Seed, NESOI	Kg.	3,751	22,925	8,658	43,216	
Seeds, Spores NESOI	Kg.	949	4,187	3,628	13,146	
SUBTOTAL - All Vegetable Seeds			53,632		122,350	43.8
SUBTOTAL - ALL VEGETABLES, NURSERY PRODUCTS, SEEDS, MELONS & BERRIES			698,536		1,168,549	

Table 5 (Continued)

California's Principal Agricultural Exports Compared to U.S. Total 1990

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated California Exports Compared to U.S. Exports
		Quantity	Value	Quantity	Value	(Value Basis)
		1,000 Units	1,000 Dollars	1,000 Units	1,000 Dollars	Percent
LIVESTOCK & POULTRY						
BEEF CATTLE & PRODUCTS						
Beef Bulls for Breeding	No.	<1	73	6	6,272	
Beef Females for Breeding	No.	2	1,443	12	9,507	
Cattle, Not for Breeding	No.	7	3,228	65	24,381	
Veal, Carcass, Fresh	Kg.	86	302	2,303	8,050	
Beef, Carcass, Fresh, NESOI	Kg.	1,014	3,351	27,057	89,381	
Beef, Proc. W/Bone, Fresh	Kg.	103	545	2,738	14,540	
Beef, Ex. Proc. W/Bone, Fresh	Kg.	837	3,035	22,318	80,951	
Beef, Proc. Boneless, Fresh	Kg.	395	2,692	10,536	71,801	
Beef, Ex. Proc. Boneless, Fresh	Kg.	2,703	12,034	72,110	321,012	
Veal, Carcass, Frozen	Kg.	16	77	420	2,053	
Beef, Carcass, NESOI, Frozen	Kg.	116	387	3,087	10,330	
Beef, Proc. W/Bone, Frozen	Kg.	246	1,072	6,559	28,606	
Beef, Ex. Proc. W/Bone, Frozen	Kg.	726	2,718	19,376	72,514	
Beef, Cuts, Proc. Boneless, Frozen	Kg.	3,068	15,927	81,833	424,857	
Beef, Cuts, Proc. W/Bone, Frozen	Kg.	3,438	15,775	91,701	420,805	
Beef, Offal, Edible, Fresh	Kg.	330	966	8,809	25,780	
Beef, Tongues, Edible, Frozen	Kg.	621	1,774	16,576	47,328	
Beef, Livers, Edible, Frozen	Kg.	1,398	1,222	37,300	32,607	
Beef, Offal, Edible, NESOI	Kg.	3,661	7,189	97,666	191,765	
Tallow, Edible	Kg.	3,523	1,316	114,121	42,637	
Tallow, Inedible	Kg.	28,380	9,619	919,353	311,596	
Bovine, Fats, Ex. Tallow	Kg.	225	100	7,303	3,235	
Beef or Offal, Prep., NESOI	Kg.	122	509	3,953	16,477	
Calf Hides, Whole	Pc.	133	3,142	4,307	101,779	
Cattle Hides, Whole	Pc.	658	39,718	21,324	1,286,637	
Bovine Hides, Whole, NESOI	Pc.	83	1,566	2,700	50,741	
Bovine Hides, Butts & Bends	Pc.	8	79	257	2,562	
Bovine Hides, Dried/Prep., NESOI	Pc.	174	899	5,636	29,125	
SUBTOTAL - All Beef Cattle & Products			130,758		3,727,329	3.5
DAIRY CATTLE & PRODUCTS						
Dairy Bulls for Breeding	No.	<1	264	4	5,611	
Dairy Cows for Breeding	No.	4	4,028	33	42,702	

Table 5 (Continued)

California's Principal Agricultural Exports Compared to U.S. Total 1990

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated California Exports Compared to U.S. Exports
		Quantity	Value	Quantity	Value	(Value Basis)
		1,000 Units	1,000 Dollars	1,000 Units	1,000 Dollars	Percent
Milk, Skim, Fresh, < 1% Fat	Lt.	969	697	5,622	3,877	
Milk, Whole, Fresh	Lt.	1,235	482	19,042	11,816	
Cream, Fresh, > 6% Fat	Lt.	216	157	2,358	1,587	
Milk, Powdered, Sweet, > 1.5% Fat	Kg.	2,288	3,999	7,151	11,664	
Milk, Powdered, Not Sweet, > 1.5% Fat	Kg.	153	176	1,892	3,646	
Milk, Powdered, Sweet, < 1.5% Fat	Kg.	336	330	4,546	8,232	
Milk, Canned/Cond., Not Sweet	Kg.	287	345	1,159	1,500	
Milk, Canned/Cond., Sweet	Kg.	622	558	2,753	2,065	
Yoghurt	Kg.	2,242	4,780	3,808	6,934	
Buttermilk			427		3,633	
Whey, Fluid	Lt.	189	312	1,165	1,253	
Whey, Dried	Kg.	7,876	9,533	41,933	34,044	
Milk Products, NESOI	Kg.	89	219	1,836	3,931	
Butter	Kg.	164	298	52,449	83,173	
Milk Fat Only	Kg.	897	1,177	4,182	5,437	
Milk Products, Fat, Oils, NESOI	Kg.	19	12	13,678	22,603	
Cheese, Cottage	Kg.	62	184	515	1,167	
Cheese, All Grated	Kg.	170	449	3,116	9,521	
Cheese, Proc., Not Grated	Kg.	185	514	1,773	5,760	
Cheese, Blue Veined, NESOI	Kg.	0	0	21	60	
Cheese, Cheddar	Kg.	110	428	2,127	7,142	
Cheese, Colby, NESOI	Kg.	0	0	10	43	
Cheese, In Mixtures	Kg.	1,029	2,999	4,323	15,032	
Ice Cream	Kg.	5,108	11,447	12,405	26,837	
Milk Based Drinks	Lt.	28	30	588	509	
SUBTOTAL - All Dairy Cattle & Products			43,845		319,779	13.7
SHEEP & PRODUCTS						
Sheep, Live	No.	42	1,394	473	15,705	
Lamb, Carcass, Fresh/Chilled	Kg.	51	148	570	1,672	
Sheep, Carcass, Fresh or Frozen	Kg.	6	11	71	122	
Sheep, Meat, W/Bone	Kg.	62	241	701	2,714	
Sheep, Meat, Boneless	Kg.	11	40	123	451	
Lamb, Carcass, Frozen	Kg.	5	23	55	260	
Sheep, Carcass, Frozen	Kg.	6	25	68	280	

Table 5 (Continued)

California's Principal Agricultural Exports Compared to U.S. Total 1990

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated California Exports Compared to U.S. Exports
		Quantity	Value	Quantity	Value	(Value Basis)
		1,000 Units	1,000 Dollars	1,000 Units	1,000 Dollars	Percent
Sheep, W/Bone, Frozen, NESOI	Kg.	74	186	833	2,098	
Sheep, Boneless, Frozen	Kg.	6	28	69	321	
Skins, Whole, W/Wool	Ea.	206	1,881	2,326	21,186	
Skins, W/Wool, Pickled	Ea.	95	544	1,069	6,123	
Skins, W/Wool, Preserved	Ea.	54	307	605	3,455	
SUBTOTAL - All Sheep & Products			4,828		54,387	8.9
HORSES						
Horses for Breeding *(Actual Number)*	No.	231	2,854	5,264	104,314	
Horses, Live, NESOI *(Actual Number)*	No.	35	470	78,369	157,688	
SUBTOTAL - All Horses			3,324		262,002	1.3
CHICKENS						
Chicks, Breeding, Eggs < 185 gm	Ea.	109	84	7,656	14,833	
Chicks, Breeding, Meat < 185 gm	Ea.	47	54	21,688	64,632	
Chickens, Live, Ex. Breeders	Ea.	179	74	15,037	5,408	
Chickens, Live, > 185 gm	Ea.	37	89	4,245	9,025	
Chickens, Young, Whole, Fresh	Kg.	325	399	7,502	9,210	
Chickens, Whole, Fresh, NESOI	Kg.	142	148	3,285	3,415	
Chickens, Young, Whole, Frozen	Kg.	972	1,090	22,460	25,184	
Chickens, Whole, Frozen, NESOI	Kg.	286	385	6,604	8,908	
Chickens, Cuts & Edible Offal, Fresh	Kg.	1,809	2,682	40,354	59,810	
Chickens, Cuts & Edible Offal, Frozen	Kg.	20,100	19,531	448,317	435,635	
Poultry Livers, Frozen	Kg.	305	193	6,806	4,303	
Eggs for Hatching	Doz.	897	1,050	26,773	44,927	
Eggs, Other In-Shell	Doz.	5,976	4,203	26,440	23,195	
Egg Yolks, Dried	Kg.	765	2,562	952	3,653	
Egg Yolks, Fresh, Cooked	Kg.	3,473	5,069	4,459	6,662	
Eggs, Not In-Shell, Dried	Kg.	411	2,348	617	3,189	
Eggs, Not In-Shell, Fresh, Frozen	Kg.	83	127	1,419	1,896	
Feathers, Stuffing, Down	Kg.	35	570	1,763	30,357	
SUBTOTAL - All Chickens			40,658		754,242	5.4

Table 5 (Continued)

California's Principal Agricultural Exports Compared to U.S. Total 1990

Commodity	Unit	Estimated Exports of California Origin		Total U.S. Exports		Estimated California Exports Compared to U.S. Exports
		Quantity	Value	Quantity	Value	(Value Basis)
		1,000 Units	1,000 Dollars	1,000 Units	1,000 Dollars	Percent
TURKEYS						
Turkeys, Live < 185 gm	Ea.	19	25	3,858	4,860	
Turkeys, Ducks, Etc. G/G, Live > 185 gm	Ea.	5	11	1,048	2,345	
Turkeys, Whole, Fresh	Kg.	199	356	1,665	2,976	
Turkeys, Whole, Frozen	Kg.	548	929	4,579	7,762	
Turkeys, Cuts & Edible Offal, Fresh	Kg.	589	639	4,924	5,341	
Turkeys, Cuts & Edible Offal, Frozen	Kg.	1,592	2,073	13,298	17,315	
SUBTOTAL - All Turkeys			4,033		40,599	9.9
SUBTOTAL - ALL LIVESTOCK & POULTRY			227,446		5,158,338	
TOTAL -- PRINCIPAL COMMODITIES			4,045,212			
TOTAL -- ALL OTHER COMMODITIES			493,516			
TOTAL -- ALL AGRICULTURAL EXPORTS			4,538,728		39,347,000	11.5

Data Guidelines

- Because data sources often differ in what is included or excluded, various export studies may report different numbers depending on the items and trade patterns included.
- The California Agricultural Statistics Service and the U.S. Department of Commerce are constantly updating and revising data. The most recent available revision was used at the time of the assembly of this report: June-September 1991.
- Shipments under the federal Agricultural Trade Development Assistance Act and Act for International Development are included.
- Agricultural Commodities in this report consist of nonmarine food products and agricultural products that have not passed through complex manufacturing processes. This includes raw hides and skins, vegetable and animal fats and olives, and unrefined wines.

Data Not Included

- Manufactured items such as textiles, boots and shoes, baked goods and distilled alcoholic beverages are not included.
- Shipments between the 50 states, Puerto Rico and U.S. island possessions (Virgin Islands, Guam, Etc.).
- Shipments in transit from one country to another through the U.S.
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California Agricultural Export Market Development Program

The Agricultural Export Program (AEP), operated by the California Department of Food and Agriculture, works to expand California's agricultural exports in two ways: by expanding the number of international markets for California products, and by increasing sales in current export markets.

The AEP provides assistance to exporters in three general areas - Trade Development programs, Export Information Resources services, and Promotional Funding services.

Trade Development - The AEP conducts activities promoting California agricultural products in foreign markets. Past activities include sponsoring California sections at major trade shows, conducting in-store promotions in foreign supermarkets, and assisting foreign buying missions in meeting California suppliers. The AEP works closely with private industry and commodity organizations to unite widely differing products into a single "California" group.

Export Information Resources - Formerly known as the "Trade Leads Program", the AEP's Export Information Resources services are primarily centered on a computer on-line system known as the Agricultural Trade and Information Service (ATIS). Subscribers to the ATIS system can access up-to-the-minute trade leads, current data on export markets, and lists of foreign buyers.

Additional services to exporters include the "Trader" database of California suppliers, which is used to supply listings to foreign buyers seeking to buy California products, and the California Agricultural Export Directory, which is distributed to agricultural and food buyers worldwide.

Promotional Funding - As one of it's services to California exporters, the AEP offers assistance in obtaining funding for export promotion. Originally, the AEP offered only the Matching Funds Program, which provides reimbursement for up to 50 percent of the export promotional expenditures. In recent years, due to State budget shortfalls, the AEP has pursued alternate sources of funding for California exporters through the Federal Marketing Promotion Program (MPP).

For more information on AEP services, please contact:

Agricultural Export Program
California Department of Food and Agriculture
P.O. Box 942871
Sacramento, CA 94271-0001

Telephone: (916) 654-0389.

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